

THE BULLETIN

APRIL 7, 1997 ~ 50TH YEAR ~ NUMBER 16

UTSA Proposes Hike of 7.75 %

Finlayson calls suggestion "a 1980s-type proposal"

BY BRUCE ROLSTON

A PAY INCREASE, CHANGES IN pension benefits and a mandatory association fee are among the proposals the U of T Staff Association is asking the administration to consider in its 1997-98 salary and benefits negotiations.

A salary increase of 7.75 per cent is at the top of the association's requests for U of T's 3,200 administrative staff. UTSA president Mel Martin said the large increase is justified, given the 1.5 per cent salary rollback in 1996-97 and the preceding three years of salary freezes. The large size of the increase is also meant to compensate for the increased productivity expected from staff, who are having to do more with fewer employees, Martin said.

"The number wasn't quite plucked out of the air," he noted. "We are just asking for a small increase for the last five years of cuts and a token productivity increase."

Professor Michael Finlayson, vice-president (administration and human resources), said it is premature to comment on the specifics of the salary

and benefits proposals but cautioned the association to consider how large pay increases are generally being regarded. "A 1980s-type proposal in a 1990s environment doesn't compare very well with the reality of public sector employment," he said.

UTSA is also asking for stronger pension benefits, with full indication of benefits retroactive to 1991. Robin Breon, UTSA's vice-president (salary and benefits), said the strong performance of the pension fund has been reflected entirely through reduced contributions by the university and not through improved benefits for pension holders.

Another proposal would require all staff to pay dues. Martin believes his and UTSA's ability to represent employee concerns is limited by the voluntary nature of the organization. The association wants mandatory dues directed towards either the association or an UTSA-approved charity. Currently about half of administrative staff pay fees to UTSA.

Also among UTSA's proposals is a partial tuition waiver benefit for

~ See HIKE: Page 6 ~

Salary Decision Expected in Summer

A N ARBITRATION PANEL IS expected to release its decision on compensation for members of the U of T Faculty Association this summer.

The three-person panel, headed by retired Quebec chief justice Alan Gold, has heard two weeks of

arguments from the administration and UTFA on salaries and benefits. The panel concluded its first week of hearings in January and its second week last Friday.

The key issue remains salaries, on which the positions of both sides have remained essentially unchanged over the last year. The administration is requesting a wage rollback in 1996-97 for professors and librarians in line with those imposed or negotiated with other employee groups; UTFA is urging a cost-of-living increase of 2.6 per cent over 1996-97 and 1997-98. But faculty association president Bill Graham says the underlying issue is how best to ensure quality teaching and research.

"We're really concerned the quality of education will plummet unless the administration takes a less egregious managerial approach with faculty, students and employees," he said. "In order to have the best people you have to be able to pay competitive salaries."

Graham, who has recently been elected as president for a third consecutive term, said the university is "enormously wealthy" and can afford pay increases for all its staff. "Any

~ See DECISION: Page 6 ~

SPRING IN THE AIR



Anna Dacyshyn, a graduate in physical education and an employee in the School of Physical and Health Education, puts a spring in her step during a workout at the Athletic Centre pool. Dacyshyn, a member of the national diving team for seven years and a gold medal winner at the 1990 Commonwealth Games, has started teaching adult diving classes at U of T. It's a great way to shape up for summer and a timely reminder that warmer days can't be too far off.

JEWEL RANDOLPH

THE RETURN OF TIME

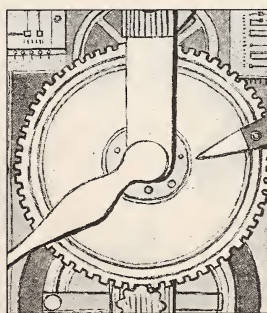
U of T assumes historical role and sets its own clocks

BY SUZANNE SOTO

A COMPUTER EXPERT AND an astronomer have brought time back to U of T.

Until recently many computers on the St. George campus calibrated their internal clocks by picking up time signals transmitted over the Internet. The signals are put on the Net by Canadian and American institutions that have their own radio clocks and pick up time signals on shortwave from the U.S. National Bureau of Standards' WWV station in Boulder, Colorado. The bureau is known as the master timekeeper for the world.

However, a couple of years ago Tom Glinos, manager of research computing with the statistics department, discovered that the signals U of T computers were picking up came from a redistributing radio clock at the University of Alberta in



Edmonton. "I thought this was deplorable, to our shame, considering the important role U of T once played in helping this country keep accurate time," Glinos says.

In the mid-1800s the Toronto Magnetic and Meteorological Observatory at U of T provided precise time-keeping signals to what would later become Canada. Known as the Meteorological Service in Toronto, it coordinated correct time for ships at sea, the emerging railway system and those in charge of weather reporting. In 1905 that responsibility was transferred to the Dominion Observatory in

Ottawa, which served as the official source of time until 1970 when the National Research Council of Canada

~ See THE RETURN: Page 4 ~

INSIDE

Abuzz

SCHOOLCHILDREN HELP TO CELEBRATE 50 years of music education at U of T. *Page 4*



Uplifting

RESEARCH ON HYDROGEN-POWERED cars moves ahead. *Spotlight. Page 8*

Clear as glass

A LETTER ABOUT THE SAFETY OF see-through doors. *Page 9*

AWARDS & HONOURS

Faculty of Applied Science & Engineering

PROFESSOR EMERITUS P.J. RIMROTT OF MECHANICAL AND industrial engineering received an honorary doktor-ingénieur degree March 18 from the mechanical engineering faculty of the Otto-von-Guericke-Universität Magdeburg for a lifetime of dedication to science.

Faculty of Arts & Science

UNIVERSITY PROFESSOR JANICE STEIN OF POLITICAL SCIENCE was elected vice-president of the International Studies Association at its annual convention in Toronto in March. Founded in 1959, the association is the largest and most prominent scholarly association in the world devoted to the interdisciplinary study of international issues.

PROFESSOR SONGNIAN ZHOU OF COMPUTER SCIENCE AND president of Platform Computing Corp. has been named 1997 Entrepreneur of the Year by the Association of Chinese Canadian Entrepreneurs. Awarded for the first time, the prize recognizes the contribution Chinese immigrants have made to Canada's economy and is sponsored by the Bank of Nova Scotia, Centennial College, the Ontario Ministry of Development, Trade and Tourism and *Ming Pao Daily News*.

Faculty of Medicine

PROFESSOR EMERITUS WILFRED BIGELOW OF SURGERY AND University Professor Emeritus Louis Siminovich of medical genetics and microbiology have been named to the Canadian Medical Hall of Fame. Bigelow's key discovery, made in 1950, was recognizing how to lower the body's oxygen requirements while lowering the body's core temperature to a point at which safe open heart surgery was possible. He also pioneered another major advance in

the management of heart disease — the pacemaker. Siminovich was instrumental in the discovery of the genetic causes of muscular dystrophy and cystic fibrosis and made important contributions to bacterial and animal virus genetics, somatic cell and human genetics and cancer research. He played a fundamental role in the establishment and development of three of the most outstanding medical research environments in Canada, especially in genetics: the Ontario Cancer Institute, the Hospital for Sick Children Research Institute and the Samuel Lunenfeld Institute.

PROFESSOR GIDEON KOREN OF PEDIATRICS AND DIRECTOR OF clinical pharmacology and toxicology at the Hospital for Sick Children, was recipient of the Rawls-Palmer Progress in Medicine Lecture Award of the American Society for Clinical Pharmacology and Therapeutics. Koren received the award for his achievements in developmental pharmacology and toxicology, recognizing his efforts to optimize patient care through clinical pharmacology and toxicology research.

IN BRIEF



Malcolm, Mayhall win council seats

GOVERNING COUNCIL HAS ADDED ANOTHER FORMER PRESIDENT OF the U of T Staff Association to its ranks. In the council's March election John Malcolm of technical services at Erindale College defeated University College registrar Glenn Loney to win one of the two seats on council reserved for administrative staff. Malcolm joins Judith Wilson, also a former UTSA president. Professor John Mayhall of the Faculty of Dentistry defeated Professor Lesley Lavack of the Faculty of Pharmacy for one of four faculty seats up for renewal this year. The other faculty members, who were acclaimed, are Professors Ian McDonald of classics at Scarborough, Wendy Rolph of Spanish and Portuguese and John Challis of physiology. Student members on next year's council are Jacob Glick, Sally Safa, Kai Chauhan, Faisal Raja, Wendy Talford-Jones, Nancy Watson, Robert Spencer and Paul Lomic.

Student scholarship fund voted down

IN A REFERENDUM LAST MONTH FULL-TIME UNDERGRADUATE AND professional students rejected a plan to raise a \$15 million fund for scholarships. The proposal asked students to pay a fee of \$30 a year for the next five years. The \$5 million this would have raised would have been matched by the university and the provincial government. The referendum was part of the 1997 Students' Administrative Council ballot. Another referendum, to increase student fees by \$80 to cover a proposed student dental plan, was also defeated. About nine per cent of students voted in the election, which saw Ted Salgado and Maria Gallo elected SAC president and vice-president. David Neelands, assistant vice-president (student affairs), said he was disappointed by the defeat of the scholarship fund, which would have paid out \$750,000 in student aid annually.

Killam fellowships, new and renewed

PROFESSOR HENRY MARTIN VAN DRIEL OF PHYSICS IS ONE OF NINE researchers chosen as new Killam research fellows for 1997, the Canada Council announced Feb 21. Van Driel, whose research topic is Optical Coherence Control of Semiconductors, has done outstanding research in quantum optics. Of the 14 researchers who had their fellowship renewed, four are U of T faculty — Professors Michael Bliss of history, George Elliott of mathematics and John Meagher and Rosemary Sullivan of English. Killam fellowships are among Canada's best distinguished research awards and are designed to give Canada's best scientists and scholars up to two years to devote to full-time research and writing.

Suburban parking fees to increase

PARKING COSTS AT U OF T'S SUBURBAN CAMPUSES WILL INCREASE. Daily parking fees at both Scarborough and Erindale will rise 50 cents — up to \$4.75 at Erindale on May 1 and \$4.50 in Scarborough on Sept. 8. The costs of permits are also rising: an Erindale reserved permit will go up \$22, to \$238, while a Scarborough permit for the outer lot will rise \$19.50, to \$214.50. University Affairs Board approved the changes April 1. Fees downtown remain unchanged.

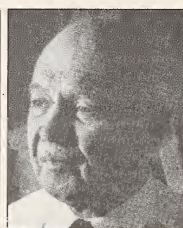
IN MEMORIAM

Savage Was Pioneer in Zooarchaeology

DR. HOWARD SAVAGE OF THE Department of Anthropology, a brilliant archeologist, pioneer in zooarchaeological methodology and consummate teacher, died March 16 at the age of 83.

Born in Oakville, Savage earned a doctor of medicine degree from U of T in 1937 when he was 24. He practised in a number of locations including Halifax, where he served with the Canadian Air Force during the Second World War. In 1945 he received a certificate in pediatrics from the Royal College of Physicians of Canada and remained a respected pediatrician until his retirement from medicine in 1969 at the age of 56.

At this point Savage's career shifted dramatically when he became a research associate with the Department of Ornithology at the Royal Ontario Museum and anthropology at U of T. The move to academic work in zooarchaeology was the logical culmination of his long-



standing interest in animal skeletons, particularly bird skeletons. During the next 30 years he analysed fauna from over 20 prehistoric and historic sites all over Canada and abroad.

Savage also trained two generations of Ontario zooarchaeologists. His faunal archaeo-osteology course, which he taught until 1995, was always in demand and he often had to turn students away. Under his watchful eye the faunal comparative

collection at U of T grew to include many exotic species including the bones of a hippopotamus; however, its strongest suit remained the fauna of Ontario. Savage served as president of the Ontario Archaeological Society for three years and in 1978 received the society's J. Norman Emerson Medal.

"Howard Savage had a profound impact on countless individuals and an enormous cumulative impact on Canadian archeology as a whole," said Professor Max Friesen of anthropology, one of Savage's former students, a longtime friend and the person who is now teaching Savage's faunal course. "This was based not only on his training of hundreds of zooarchaeologists but, more important, on his infectious and ceaseless intellectual curiosity. Even students and colleagues who did not continue in zooarchaeology learned much from his attitude to academic thought and practice."

U of T Travel Centre Proves Popular

THE U OF T TRAVEL CENTRE has taken off — issuing more than 600 tickets in the first five months of operation and doubling its volume of business in each successive month. U of T travellers have covered more than 1.1 million miles over the period. As a result U of T's only official travel service, located on campus at 215 Huron St., has added

two more consultants.

The centre estimates travel cost savings to U of T of 60 per cent over the same period last year. Of the more than 110 units that have taken advantage of the service so far the Faculty of Medicine and the Department of Physics have been the largest users.

Meanwhile the centre has announced the winner of its inaugural draw for

two free tickets to any Air Canada destination in North America — Mike Ferguson of the comptroller's office. The contest helped to launch the personalized, cost-saving service operated on behalf of the university by GTS Global Travel Solutions. A second contest is planned and will be announced on the centre's Web site at www.finance.utoronto.ca/travel/main.htm.

FACT IS:



CANADIAN FUNDS ARE fine.... But by mistake a letter from the U of T Magazine is asking members of the campus community to send in voluntary subscriptions in U.S. funds.

UNIVERSITY OF TORONTO

THE BULLETIN

EDITOR: Jane Stirling • janes@dur.utoronto.ca

ASSOCIATE EDITOR: Karina Dahlin • karind@dur.utoronto.ca

EDITORIAL ASSISTANT: Alisa Ferguson • alisa@dur.utoronto.ca

PRODUCTION: Michael Andrechuk • CA.Zyvauskas@dur.utoronto.ca

ADVERTISING: Nancy Bush • nancy.bush@dur.utoronto.ca

DIRECTOR: Susan Bloch-Neveite • susanb@dur.utoronto.ca

WEB SITE: <http://www.library.utoronto.ca/www/bulletin/latest>

The Bulletin is printed on recycled paper. Material may be reprinted in whole or in part with appropriate credit to The Bulletin.

Published every two weeks by the Department of Public Affairs, 21 King's College Circle, University of Toronto, Toronto, M5S 3J3.

EDITORIAL ENQUIRIES: 978-6981 • DISTRIBUTION ENQUIRIES: 978-2106 • ADVERTISING ENQUIRIES: 978-2106 • Display advertising space must be reserved two weeks before publication date. FAX: 978-7430.

CULTURAL CHAOS

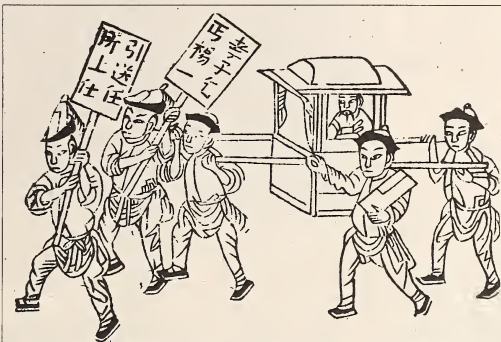
Social change during the Ming Dynasty focus of book by history professor

By MICHAEL RYNOR

A RAPIDLY CHANGING SOCIETY, class systems breaking down, rampant consumer consumption and personal angst at a world gone mad. Western society in the 1990s? Try the Ming Dynasty of China, 1368-1644.

Professor Timothy Brook of history was preparing to write a book on communications and commerce in the Ming Dynasty but a persistent voice from the past kept getting in his way. "I came across a book by a man named Zhang Tao who was born in the mid-1500s. He stuck in all sorts of remarks on how everything was falling apart, how the world was in a mess and how he regretted the passing of a stable and peaceful dynasty. His anxious comments in these old writings caused my book to shift from a study on the mechanisms of commerce to a study on the very culture of the dynasty."

By the middle of the 16th century educated people in China were writing about the baffling changes occurring around them. "There was a great deal of anxiety within the upper classes because they couldn't figure out why their orderly society was disintegrating," explains Brook. This decay was caused by a suddenly mobile peasantry leaving the land in great numbers and discovering the fruits of a free market system. All this commercial success caused conspicuous consumption to run rampant — to the point where the average person couldn't tell the social bigwigs from the social climbers.



"One of the things the upper class was griping about was how the lower class was dressing," says Brook. One entry he came across complained, "You can't go out in the streets any more and know who's who because everyone is dressed so well." According to Brook the upper classes retaliated by dressing even more extravagantly to distance themselves from those below them. During the last 50 years of the dynasty, fashions were changing at such a furious pace that civic leaders became alarmed when they saw just how much the rich were prepared

to pay for fine silk costumes. "There was a real fear that this kind of frantic competition was eroding the moral fabric of society," says Brook. "Of course this kind of moral tension is common whenever a culture is transformed from below by a strong, successful economy. Values change, relationships change and people start to wonder what's going on."

And so the late Ming Dynasty became a period of pleasure and, ultimately, confusion, with peasants giving up the simple, honest lifestyles of their ancestors for one of superficial extravagance. Civic leaders feared this class confusion was fueling thoughts of rebellion because the poor were hampered by a class system that still favoured the rich. "Journals of the time are sprinkled with comments about how the poor can't be expected to put up with this setup forever," says Brook.

During his research on *The Confusion of Pleasure: Commerce and Culture in Ming China*, Brook was pleasantly surprised at the amount of information available that dealt with people's feelings. However, aside from his book, to be published later this year by the University of California Press, there is almost nothing written on this great dynasty from a personal point of view. "The average reader knows this era in terms of fine porcelain and beautiful paintings but I'm hoping this book will become the book that tells them what the people were thinking."

Move of Book Collection Creates Study Space

THE HUMANITIES AND SOCIAL sciences collection currently housed in the Sigmond Samuel Library is moving to the Roberts Library. One of the main reasons for the move is to create more space at the heavily used short-term loan service in the Sigmond Samuel Library; the Gerstein Science Information Centre, within the library, will be comprised of the science and medicine collection.

The move, scheduled to start this summer, was recommended in a report by the Working Group on Library Services to Undergraduates last fall.

Before the 120,000 volumes are transferred, duplicates that haven't been used in the last four years will be placed in storage, said Liz Avision,

librarian and undergraduate services adviser.

The changes have caused some unease among staff and students including Robin Healey, a librarian in the collection development department of Roberts, who has been a vocal critic of the planning process leading to the move. In his opinion students are losing an important resource. "The Sigmond Samuel collection, dedicated to undergraduate needs is, in fact, closing," Healey said. "What's going to happen is that a large part of the collection will be integrated into the Roberts Library, therefore from my point of view, it ceases to exist as a separate resource dedicated to undergraduate studies."

Avision said that this and other misconceptions need to be addressed.

"We aren't closing a library, we're simply moving part of a collection to another site," she explained. While some students and faculty may be inconvenienced because they are familiar with the Sigmond Samuel library, she maintained that "in the long run, services will be much better." She pointed out that only 30 per cent of the items in the humanities and social sciences collection at Sig Sam circulated last year. She also maintains that most students favour Roberts as their main information source because it is more accessible and has a more comprehensive collection.

Chief Librarian Carole Moore said the changes will open up new, refurbished study spaces at Sigmond Samuel. "A lot of people have been

driven unnecessarily to the Roberts Library because there's hardly any space for them at Sig Sam." She disagrees with critics who say the changes will be detrimental to researchers. "We're simply trying to maintain the collection that's actually being used and expand the short-term loan collection while putting books that aren't circulating

into storage."

But why move more books to an already crowded Roberts Library? "We've got at least five to seven more years of managed space left at Roberts," Avision said. "Yes, the stack areas are full in many areas but the basement levels have space that can be used for the compact storage of books."

City of Toronto Approves Campus Plan

TORONTO CITY COUNCIL HAS endorsed the university's St. George campus plan.

Council's adoption of the campus master plan as part of the city's official plan will govern development and preservation of U of T's historic buildings for the next 20 to 25 years, said Elizabeth Sissam, director of campus and facilities planning. The city's endorsement on March 24 is the culmination of a 10-year planning exercise that began with the formation of the Campus Master Plan Advisory Group in 1987.

The plan, which also has the approval of local ratepayer groups, is a marked improvement over the city-sponsored plan of 1978, Sissam said. At that time conflicting views among the city, the university and its neighbours over campus development ended up at the Ontario Municipal Board for resolution.

This time around the two successfully cleared a potential hurdle by agreeing to extend the area of

historic buildings protected from development. The city wanted greater protection for the area between Avenue Road and St. George Street, Hoskin Avenue and Bloor Street and the area east of Avenue Road, "essentially freezing all the east campus," Sissam said.

In return U of T was given an increase — from 12 to 23 — in the number of potential sites for future development. "We looked for every possible site we might wish to develop in the future and pre-zoned them," Sissam said. The university hopes this will prevent difficulties normally associated with zoning, where building projects can be held up in the bylaw amendment process for years.

Among the larger areas proposed for redevelopment are the northwest corner of College Street and University Avenue (site of the proposed new health sciences complex), the southeast corner of Bloor Street and Spadina Avenue and Varsity Stadium.

Top Earners Same as Last Year

SAME NAMES, SAME PLACES, slightly different salaries. That, in a nutshell, sums up U of T's list of its top three wage earners.

Under provincial rules governing income disclosure in the public and extended public bodies, U of T released on March 31 its list of employees earning more than \$100,000. The top three remained the same as last year: Dean Arnold Abernethy of the Faculty of Medicine at \$278,682, Jon Dellandrea, vice-president and chief development officer, at \$252,540 and President Robert Prichard at \$200,537.

U of T's 1997 list named 518 people compared with 509 in 1996.

Of those 518, 485 are academics and 33, staff members. New names on the list include 30 faculty and one staff member from OISE/UT, which merged with the university in July.

Wendy Cecil-Cockwell, vice-chair of Governing Council and a member of the university's senior salary committee, said Canadian taxpayers should feel "very well served" by the faculty and staff at U of T. "The number of people on the list and their salaries is not out of line with the quality of the university, the quality of the faculty, their research and their achievements. This expertise is borne out in all sorts of recognition such as the

Killams and it doesn't come cheaply." In fact, if salaries were sky high the university would not have to fight so hard to keep its faculty from leaving for more lucrative posts, she noted.

One of the reasons for the relatively high number of names on the list can be attributed in part to U of T's older faculty, Cecil-Cockwell said. The average age on the list is 56, a time when people are at the top of their fields and earning power.

The senior salary list is available at 21 King's College Circle, Roberts Library, the Governing Council office in Simcoe Hall and Scarborough and Etimble libraries.

The Seat Sale & GRADitude Thank You celebration

Please join in the festivities when the total raised for the student aid matching program through the generosity of alumni, faculty, staff, students and friends of the University of Toronto will be announced.



GRADitude

Tuesday, April 15, 1997
5:30 - 7:00 p.m.
Hart House

All invitees rsvp
ACCEPTS ONLY
by APRIL 8, 1997

to

judic@dur.utoronto.ca or
jsipos@dur.utoronto.ca



Imperial Robes
Robemakers and Legal Tailors

SOLID TRADITIONS
upheld by
MASTER ROBEMAKERS

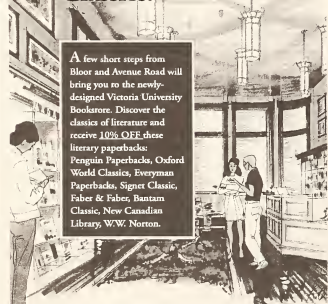
225 Richmond Street West, Suite 401
Toronto, ON M5V 1W2
tel: 416. 340.6534 fax: 416. 340.0635

A Reflection of Superior Standards

- Quality craftsmanship
- Made-to-measure tailoring
- Finest imported and domestic fabrics

*Specializing in
ceremonial robes and
all academic attire
and accessories.*

Books in the Humanities, Philosophy, Literature, Medieval Studies, Classics.



A few short steps from Bloor and Avenue Road will bring you to the newly-designed Victoria University Bookstore. Discover the classics of literature and receive 10% OFF these literary paperbacks: Penguin Paperbacks, Oxford World Classics, Everyman Paperbacks, Signet Classic, Faber & Faber, Bantam Classic, New Canadian Library, WW, Norton.

91 Charles St. W. (Old Vic) 385-4574
Museum Subway-East side
Mon - Fri 9:00 - 6:00 Sat 10:00 - 5:00 Sun 12:00 - 5:00

VICTORIA
BOOKSTORE
UNIVERSITY

THE RETURN OF TIME

- Continued from Page 1 -

began overruling the country's standards of time and frequency.

During the 1980s the former University of Toronto Computing and Communications unit (now Computing and Networking Services, University Computing) operated its own radio clocks which distributed time signals to the campus' computers through software UTCC had also developed. "At some point the clocks were left to languish," Glinos says. "I decided to get them to work again."

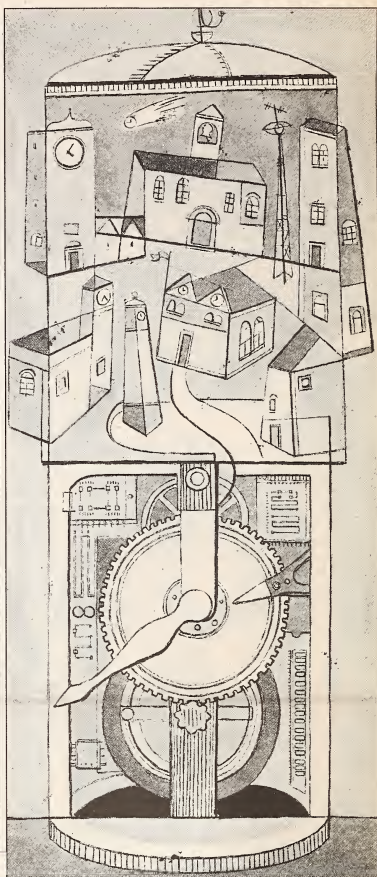
To do so he needed to have an antenna that would pick up the Colorado time signals and in the spring of 1995 he set one up on top of the Sidney Smith building. It was taken down shortly afterwards, however, when concerns over safety arose. That's when Glinos approached Professor Stefan Mochacki of astronomy for help.

"I said, 'Why don't we put it up at the David Dunlap Observatory?'" Mochacki recalls. "After all, this used to be a historical function of the university's observatory, to provide a time standard for the campus."

In the summer of 1996 the two set up the antenna at the David Dunlap in Downsview. The antenna is connected to a radio clock and feeds into a computer attached to the observatory's computer network. Signals are then transmitted downtown via a high-speed, fibre-optic link. The result? More direct and accurate timing for the campus' computers.

"All U of T computers requiring accurate time are now able to get it from this computer, directly or indirectly," Mochacki says. Currently about 500 computers make use of the service but many more could be accommodated.

Glinos is happy that the university can once again keep its own time: "The astronomy department is back in the timekeeping game, which it's something it rightly deserves, and the university no longer has to rely on others for accurate time."



PERACCO

NOTEWORTHY

U of T's music education program proves innovation is its forte

BY GEORGE COOK

U OF T'S MUSIC EDUCATION PROGRAM — THE OLDEST of its kind in Canada for the preparation of music teachers — celebrated its 50th anniversary in March with two concerts, one of which featured Toronto high school orchestras and choirs performing original compositions by U of T students.

The unique musical event — which involved extensive collaboration between U of T students and groups from elementary and secondary schools — took place March 27 at the MacMillan Theatre in the Faculty of Music. Orchestras and choirs from Oakwood and North Toronto Collegiate Institutes and the Etobicoke School of the Arts performed the original compositions.

The composition-concert project was supported by the DAREarts Foundation, a not-for-profit organization that brings together community leaders and elementary school students to encourage creativity, discipline, motivation and individual development through the arts. Other sponsors were the SOCAN Foundation which promotes musical creativity and the Art Gallery of Ontario as well as the Faculty of Music.

The idea for the collaborative project originated in a conversation between U of T student Jason Stokes and DAREarts founder Marilyn Field. In October six music

education and six composition students from U of T met 20 DAREarts students and explored ideas — stories and themes — that could be turned into musical ideas.

In January the U of T students completed their compositions and in February the high school orchestras and choirs began rehearsals. Meanwhile, with the help of artist and teacher Lupé Rodriguez of the Art Gallery of Ontario, the elementary students created original works of art to complement the music. On March 27 the orchestras and choirs performed the pieces while the elementary school students' art was displayed. "The feeling at the end of the evening from everybody — parents, the younger children and the students — was to urge us to do this again," says Field.

The whole process is being followed by Andrea Sanberg, who is working towards a master's degree in music education. "It really is an innovation to have three levels communicating together. The innovation plus the success of it bodes well for the future."

Sanberg studied the interaction among the groups and is currently preparing a paper describing it, adding a research dimension to the project. "My interest is in professional development of the student composer, following the development of the six composers," she says.

EXCELLENCE IN EDUCATION



The Association of Part-time Undergraduate Students and the Students' Administrative Council handed out their annual undergraduate teaching awards recognizing outstanding instructors. The 1996-97 winners are Professors Raymond Chiu of East Asian studies, left, Ralph Bogert of Slavic languages and literatures, Joy Esberoy of political science, Sherwin Deser, chair of zoology, and Tony Mazzulli of clinical biochemistry. The teachers were honoured at a Hart House reception March 27.

Campus Grounds Receive Facelift

THE FRONT AND BACK CAMPUSES are receiving a spring makeover. Last month U of T began trucking in topsoil, compost and sand to apply "a major top dressing" to the two widely used green spaces, says Ron Pansino, manager of grounds and stores.

Over the years the fields have been compacted by pedestrian traffic, athletic competitions, vehicles and

tenis. This joint project between the grounds division and the Department of Athletics and Recreation will improve the quality of the lawns, eliminate mud holes and ensure an even surface.

So far large mounds of earth have been dumped on the fields, spread and tilled, a process that will likely finish this week. The fields will then be graded and reseeded. The

university, Pansino said, will use a chemical-free reseeded method involving a mulch of hardy grasses. Among other benefits the mulch will confound the seed-seeking gulls and pigeons who descend on the fields and can devour more than 200 pounds.

All the work will be completed by the time convocation rolls around, he noted.

The National Ballet of Canada

JAMES KUDIELKA, ARTISTIC DIRECTOR / VALERIE WILDER, EXECUTIVE DIRECTOR

Special Offer for Bulletin Readers

SUBSCRIBE AND SEE 6 BALLETTS FOR THE PRICE OF 3

The Merry Widow

Wed. Nov. 5, 1997 8:00 pm*

Terra Firma

Wed. Nov. 12, 1997 8:00 pm*

The Balanchine Programme

Wed. Feb. 18, 1998 8:00 pm*

Romeo and Juliet

Wed. Feb. 25, 1998 8:00 pm

Coppelia

Wed. April 29, 1998 7:30 pm*

Washington Square

Wed. May 6, 1998 8:00 pm*

* Opening Night Performances!

6 BALLETTS	REGULAR PRICE	DISCOUNT PRICE
Middle Orchestra	\$368.50	\$173.50
Orchestra Circle	\$478.50	\$233.50

CALL TODAY AND SAVE 50% OFF REGULAR TICKET PRICES

345-9595

(416) Monday - Friday, 9:00 am - 5:00 pm / Credit Card Orders Only
QUOTE CODE N30 TO RECEIVE YOUR DISCOUNT.



KIMELIO GLASCO, ALEXANDRA ANTONIOVIC: ROMEO AND JULIET
PHOTO: CELIA VON TEENMANN

The discount subscription price is 50% off the regular single ticket price, excluding the \$1.50 surcharge per ticket to the Hummingbird Centre and a \$4.00 handling charge. The regular price includes the TicketMaster service charge of \$4.75 per ticket. Some seating restrictions apply. Receipt of payment does not guarantee seating.

Welcome To

St. Andrew's
United Church

117 Bloor St. East

SUNDAY
WORSHIP

11:00 A.M.

Followed by
Fellowship Hour

TELEPHONE 929-4811

REV. DR. JOHN D. HARTLEY, MINISTER
ALAN BARTHEL, DIRECTOR OF MUSIC

W WINTER CLINICAL MASSAGE ASSOCIATES

Your extended health care plan may cover therapeutic massage

P. ANNE WINTER

REGISTERED
MASSAGE
THERAPIST

Medical Arts Building
170 St. George Street
Suite 508A
Toronto, Ontario M5R 2M8

(416) 928-1723

REPLIKIT

COURSE KITS

CUSTOMIZE YOUR CURRICULUM

UNCOMPROMISING QUALITY

GUARANTEED DELIVERY DATE

REPLIKIT delivery dates are backed by full refunds for missed deadlines

REPLIKIT's entire creation process is structured to guarantee excellent quality, low cost and timely delivery thereby enabling you and your students to concentrate on the most important part of your course - the content.

For further information, contact:

Christopher Lewis

416.971.4170

lewcor@hookup.net

S The U of T Bookstore

presented by U of T Bookstore

Who ever said readings are dull?

CBC Radio 740

Don't miss the annual M&S Spring Poetry Launch

Dionne Brand *Land to Light On*
Don McKay *Apparatus*
Michael Redhill *Asphodel*

Thurs. April 10th, 7:30 pm (free) George Ignatieff Theatre
15 Devonshire Plc. (St. George Subway - eSt. George, s/Bloor)

A Tribute to Dorothy Livesay

Readings and Reminiscences with:

Gay Allison, Ann Dexter, Ann Kerr-Linden, Kate Lushington, Joyce Marshall, Seymour Mayne, Libby Scheier, Makeda Silvera, Betsy Struthers, Rosemary Sullivan, Robert Weaver

April 16, 7:30pm. Hart House Library

7 Hart House Circle (Wellesley Extension to U of T)

Sponsored by the Hart House Library Committee

An evening with the 1996 Booker Prize Winner:

Graham Swift reads from *Last Orders*

Thurs. April 24th, 7:30 pm (free)
By reservation only: 978-7993
George Ignatieff Theatre 15 Devonshire Place
(St. George Subway - eSt. George, s/Bloor)

Room Behaviour: a talk and slide presentation with

architect and author of *Pig City, Model Farm* Rob Kovitz

Tues. April 29th, 7:30 pm The Rivoli (free) 334 Queen St. W.

Headed For The Blues

A Memoir with Ten Stories

"It is precisely because Skvorecky is a child of his country and remains faithful to the spirit which produced the Prague Spring that his look at it is charged with constant irony." —Milan Kundera



Tues. May 6th, 7:00 pm free

The Senator 253 Victoria St.

Watch this space in the next Bulletin to hear about readings and lectures with:

Jon Krakauer *Into Thin Air* (May 9th)

Seamus Deane *Reading in the Dark*, Dennis Lee *Nightwatch* (May 12th)

Phyllis Grosskurth *Byron* (May 14th)

214 College St. Mon-Fri 9-6 / Sat 10-5 / Sun 12-5 Series 978-7989



Creating your own COURSE MATERIALS?

Contact our **Custom Publishing Service** for copyright clearance, reproduction of out-of-print books, production of composite materials, lab manuals, course notes, and much more! High quality, legally reproduced course materials at competitive prices, available to your students in the same place they buy their textbooks. And if stock runs out, students can order their own packages with our Reprint Request system and have them back in about 2 working days.

ORDER EARLY. Deadline for Fall classes is July 14.

**Uoft
Bookstore**

fax St. George 978-7242
fax Erindale (905) 828-5244
fax Scarborough 287-7039
or email: custom@gpu.utcc.utoronto.ca



The Conquest of Constantinople



Robert of Clari
Translated with
introduction and
notes by Edgar
Holmes McNeal

An eyewitness
account of the Fourth
Crusade by Robert
of Clari, who recorded
the events of the
journey, as well as his impressions of the
sights and people. (MART, 36)
\$13.95 paper 0-8020-7823-0

Nature, Man, and Society in the Twelfth Century



ESSAYS ON NEW
THEOLOGICAL
PERSPECTIVES IN
THE LATIN WEST
M. -D. Chenu

Nine essays, selected
from *La théologie
au douzième siècle*,
inquire into the
historical context and
origins of medieval scholasticism. (MART, 37)
\$16.95 paper 0-8020-7175-9

University of Toronto Press UTP

CALL (416) 667-7791 / FAX (416) 667-7832

Campus Z-Station

Hurry! Quantities are Limited on this end-of-line special!



MODEL 5100

- Intel Pentium 100 processors
- 256KB L2 Cache
- 16MB EDO RAM
- 64-bit PCI Graphics with 1MB
- 1.2GB Enhanced IDE hard drive
- 8x Speed CD-ROM drive
- 16-bit SRS+3D Stereo Sound Card
- 28.8Kbps Internal Fax/Modem
- Minitower case

\$1,444.

MODEL 6166

- Intel Pentium 166 processors
- 256KB Pipeline burst L2 Cache
- 32MB EDO RAM
- 53 VIRGE 3D chipset 2MB EDO
- 2.0GB Enhanced IDE hard drive
- 8x Speed CD-ROM drive
- 16-bit SRS+3D Stereo Sound Card
- 33.6Kbps Internal Fax/Modem
- Minitower case

\$2,222.

MODEL 6133

- Intel Pentium 133 processors
- 256KB Pipeline burst L2 Cache
- 16MB EDO RAM
- 53 VIRGE 3D chipset 2MB EDO
- 1.6GB Enhanced IDE hard drive
- 8x Speed CD-ROM drive
- 16-bit SRS+3D Stereo Sound Card
- 33.6Kbps Internal Fax/Modem
- Minitower case

\$1,888.

MODEL 6200

- Intel Pentium 200 processors
- 256KB Pipeline burst L2 Cache
- 32MB EDO RAM
- 53 VIRGE 3D chipset 2MB EDO
- 2.5GB Enhanced IDE hard drive
- 8x Speed CD-ROM drive
- 16-bit SRS+3D Stereo Sound Card
- 33.6Kbps Internal Fax/Modem
- Minitower case

\$2,444.

Zenith 15" Monitor with digital controls - \$444.



computer
shop

Koffler Student Centre
214 College St., 3rd Floor
Voice: 416-978-7947 Fax: 416-978-7968

Hike Proposed

- Continued from Page 1 -

long-term employees who lost their jobs and are no longer eligible for the full waiver given their dependants.

While the administration is not bound to consider any of UTSA's proposals, Finlayson said he would be happy to listen to what the association has to say. No date has yet been set for a first meeting. Martin said that the administration's response

would likely have a significant impact on the upcoming referendum in May. The staff association will ask its membership whether UTSA should pursue unionized status.

In its long-term budget guidelines, the university is planning for a zero, one and one per cent pay raise (plus merit) for administrative staff over the next three years.

Decision Expected

- Continued from Page 1 -

independent observer will tell you it can afford not only to preserve jobs but also to pay all employees cost-of-living increases."

Professor Michael Finlayson, vice-president (administration and human resources), said UTFA continues to show little flexibility in pressing its demands. "The association's position is still a long way from the university's and I think a long way from reality, given the environment," he said. "Their proposals don't reflect the fact that we've lost over \$50 million in revenue and only gotten \$30 million back in increased tuition this year. We've taken a position consistent with what we've taken with every other employee group," he said. "We don't see why the faculty should be any different."

Salary negotiations between the two parties broke down a year ago and a series of talks with a mediator failed in June. Binding arbitration is the final step in the process provided for in the Memorandum of Agreement between the university and the faculty association. The agreement is designed to prevent debilitating faculty strikes like the one at York University.

Over the two weeks of hearings Gold's panel has heard arguments from both sides; assuming no more hearings are required, it will now retire for several weeks to consider its decision.

Salary discussions with the faculty association last went to arbitration four years ago. In that instance the panel ruled against a wage increase.

Health promotion focus of agreement

U OF T'S CENTRE FOR HEALTH Promotion and the Asociación Chilena de Seguridad have signed an agreement promoting cooperation between Canada and Chile on health promotion and self-care in the workplace.

Under the agreement the participants will exchange information, conduct joint programs and design new ways of promoting health in the workplace to prevent occupational accidents and diseases. The Asociación Chilena de Seguridad is Chile's largest employers' mutual association for work-related prevention, health and

insurance services.

The memorandum of understanding, signed March 27 at U of T, acknowledges that both Canada and Chile are leaders in occupational accident and disease prevention. Professor Irving Rootman, director of the centre, said the agreement is only a beginning; he is organizing a summer school for Canadian researchers in Chile to be held for three years.

As part of the bilateral agreement, a Committee on Health Promotion and Self-Care Programs in the Workplace will be established.

Need a Helping Hand?

LOOKING FOR SOME EXTRA help in your department this spring or summer? The cooperative program in management and economics at Scarborough may have the answer for you.

Program coordinator Tanya Breiter is looking for student placement opportunities on campus and elsewhere. Under the program students can work for four, eight or 12 months according to the needs of their employers. The students offer expertise in business management including accounting, finance, marketing and human resources.

Now in its 22nd year, the program has recently expanded and more students need placements, Breiter said. She has about 80 people to place this year.

In addition to companies like IBM, Bank of Montreal, Microsoft and

BMW Canada, co-op students have also worked in departments around the university. If your department, faculty or college could use a student with business expertise contact Breiter at (416) 287-7112.

Sing It Loud

THE U OF T GOSPEL CHOIR continues to reach the high notes. Since being profiled in *The Bulletin* in January, it has made an appearance on Canada AM and is now gearing up for Gospel Fest 97, the choir's annual concert, which will take place at Convocation Hall April 12 at 7 p.m.

Tickets are available through Ticketmaster and the Newman Centre.

CAMPAIGN CORNER



Brazilian Ball raises \$1.6 million

AMIDST SEQUINS AND PLUMES, MORE THAN \$1.6 MILLION WAS RAISED at the 1997 Brazilian Carnival Ball to support research into Alzheimer's disease. All proceeds will be donated to the Faculty of Medicine's Centre for Research in Neurodegenerative Diseases and Canada's first joint chair in gerontological social work at the Faculty of Social Work and the Baycrest Centre for Geriatric Care. The money raised will support research, lab equipment and will bring investigators of international calibre, particularly cell biologists and specialists in molecular medicine, to the centre in the Tanz Neuroscience Building. The chair, jointly appointed by social work and Baycrest, will provide leadership for research that focuses on developing clinical strategies to work with patients and families coping with Alzheimer's and various forms of dementia as well as shape the clinical training programs for social work students. The chair will also head the recently funded Ben and Hilda Katz Centre for Gerontological Social Work at the Baycrest Centre. The ball, held March 1 at the Metro Toronto Convention Centre, attracted 1,550 guests.

McCain family endows social work chair

MARGARET NORRIE MCCAIN, LIEUTENANT-GOVERNOR OF NEW Brunswick and an alumna of the Faculty of Social Work (BSW 1955), and her husband, Wallace McCain, chair of Maple Leaf Foods Inc., are giving \$1 million to U of T. The gift will be matched by the university to endow a \$2 million chair in child and family at social work to be known as the Margaret and Wallace McCain Family Chair in Child and Family. The holder will focus on an analysis of social and economic policies relating to the well-being of children and families and examine the effectiveness of prevention and intervention programs targeting high-risk children and families. Research will also be conducted into community-based initiatives to support children and families.

Czech collection established at library

THE U OF T LIBRARY HAS RECEIVED A \$250,000 GIFT FROM VLASTA AND Frank Scheychal to fund the Frank J. Scheychal Czech Collection in honour of their son. The donation will establish an endowed fund for the acquisition of Czech material and will support studies in the fields of history, arts, politics, literature, economics and business. The boardroom in the Centre for Russian and East European Studies on the 14th floor of the Robarts Library has been named the Frank Josef Scheychal Seminar Room in recognition of the Scheychals' generosity. Following his convocation address Feb. 21 Václav Klaus, prime minister of the Czech Republic, inaugurated the Frank J. Scheychal Czech Collection by presenting the first book in the collection to Chief Librarian Carole Moore.

Students in zoology to benefit

ON THE OCCASION OF HIS 90TH BIRTHDAY, FAMILY AND FRIENDS OF Professor Emeritus A. Murray Falls pledged \$25,000 to establish the A. Murray Falls Graduate Award in Zoology. This gift will be matched by the provincial government and U of T to create a \$75,000 endowment. The award will be given to master's or doctoral level students based on academic excellence and financial need. Falls was a professor of parasitology in the Department of Zoology and Faculties of Arts and Science and Medicine and a researcher at the Ontario Research Foundation for more than 30 years. Also, Professor Emeritus J. Bruce Falls and his wife have pledged \$8,000 towards the establishment of the J. Bruce Falls Bursary in Ecology in the Department of Zoology. An additional \$2,000 has been donated by former colleagues, students and friends. Falls is an outstanding contributor to the Federation of Ontario Naturalists; through his work in the conservation of the animals and plants of Ontario, he is also involved in the program of the Long Point Bird Observatory. He taught ecology and avian biology in the zoology department for 37 years and his research attracted many undergraduate and graduate students.

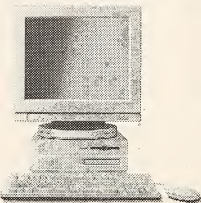
Law classroom upgraded

CASSELL BLACKS & BLACKWELL WILL SEE ITS NAME ON A FACULTY OF LAW classroom thanks to a gift of \$250,000. It is the first law firm to make a major campaign gift towards the restoration and upgrading of teaching space at the law school. An 80-seat classroom will be upgraded to house audiovisual projection and screening equipment. The classroom will be computer-teaching compatible and provide greater accessibility for disabled students and visitors.

They're going Quick

Power Mac™ 7200*

- 120 MHz Power PC™ 601
- 16 MB Ram
- 1.2 GB Hard Drive
- 256K L2 Cache
- 8X CD-Rom
- 16-Bit Stereo Sound
- 1MB VRam
- Built-in Ethernet
- Only \$1550.00



Must be purchased with an Apple monitor for sale price

Apple Monitors :

15" Multiscan	\$590. ⁰⁰	17" 1710AV Trinitron with	
17" 1705 Shadow Mask 28 dpi	\$870. ⁰⁰	built-in speakers &	
17" 1710 Trinitron Tube	\$1070. ⁰⁰	bi-directional Microphone	\$1200. ⁰⁰
Apple Design Keyboard		\$100. ⁰⁰	

*While supplies last

University of Toronto Computer Shop computer shop
214 College St. (Koffler Student Centre), 978-7947
Authorized Dealer

Apple, the Apple logo, PowerMac, Macintosh Plus, and Trinitron are registered trademarks of Apple Computer Inc. PowerPC is a trademark of International Business Machines Corporation, used under license. Multiscan, the Apple logo, PowerMac, Macintosh Plus, and Trinitron are registered trademarks of Apple Computer Inc. The use of the name of the University of Toronto is for identification purposes only. All prices are subject to availability. Pricing valid for members of the student community only. We are conducting a special promotion until the end of the year. Get the best price on anything. Contact us at the end of the year.

SENATE TRAVEL

Travel for those who don't consider any of their income disposable.



Senate Travel has provided innovative and affordable travel services to university faculty and staff across Canada for over 20 years. This experience has made us specialists in arranging conference, research, sabbatical and vacation travel. Senate provides excellent sabbatical and long-stay airfares with remarkable flexibility. Put Senate Travel's experience to work for you.

Be sure to take advantage of your Senate Travel discount coupon before April 30, 1997! (If you haven't received your Senate Travel discount coupon yet, just call us and ask for one.)

ST

SENATE TRAVEL

UNIVERSITY TRAVEL SERVICES

243 College St., 5th Floor (416) 979-1676
Toronto, Ontario M5T 2Y1
Fax: (416) 977-4796 Toll Free: 1-888-3-SENATE e-mail: toronto@senatetravel.ca



1997 H.L. Welsh Lectures in Physics

MONDAY, MAY 5, 1:30 P.M., MEDICAL SCIENCES AUDITORIUM, KING'S COLLEGE CIRCLE

James S. Langer
University of California
at Santa Barbara

Nonequilibrium Physics and the Origins of Complexity in Nature

Anton Zeilinger
University of Innsbruck, Austria

Information in the Quantum World

TUESDAY, MAY 6, 1:30 P.M., MCLENNAN PHYSICAL LABORATORIES, 60 ST. GEORGE, RM. 102

Anton Zeilinger
University of Innsbruck, Austria

Atom Waves in Crystals of Light

James S. Langer
University of California
at Santa Barbara

Dynamics of Earthquakes and Fracture

The public is invited to a Reception in Hart House, 5:00 - 6:30 p.m., following the lectures on May 5.

Sponsored by the Department of Physics. For further information, call 978-7135 or tam@physics.utoronto.ca or <http://www.physics.utoronto.ca>

SPOTLIGHT ON RESEARCH

EFFECTIVENESS & EFFICIENCY

Sensors detect HIV binding

Professor Michael Thompson of chemistry has developed a method, using acoustic wave biosensors, to detect how various drugs interact with components of the human immunodeficiency virus.

"We have been able to successfully attach a segment of the HIV-1 RNA to the surface of our sensor devices and to see how small molecules bind to this viral RNA," Thompson says. "We can now actually start thinking about interactive screening of the binding activity of very large numbers of small drug molecules to see how they might halt the virus' replication process." He expects this screening to start taking place this year.

International researchers suspect that combinations of drugs — or "cocktails" of several drugs — are much more effective in prolonging the lives of AIDS sufferers than single drug treatments.

AIDS specialists have recently found, however, that deciding what drugs, or drug combinations, may be effective against particular components of the replication of HIV is a big problem. The search partly requires the screening of thousands of small molecules for their interaction with the HIV components such as proteins and nucleic acids.

Most major pharmaceutical companies have hundreds of thousands of

compounds in their drug libraries, many of them produced years ago. Having an effective drug-screening process will be of great help to pharmaceutical researchers, says Thompson.

"Such testing may not give them exactly what they want but it may give them a very strong indication of what they should be doing which would in turn give them an enormous advantage."

A positive self-image helps unemployed

Being positive about yourself and your skills can give you a step up in a tight job market, Professor Gary Latham and graduate student Zeava Millman of the Faculty of Management find. Working with unemployed former managers, Latham and Millman found that training in positive self-guidance and their self-confidence and helped them overcome obstacles to finding a job.

Latham and Millman worked with a group of 28 people who had been unemployed for at least 13 months and were searching for employment through Toronto agencies. Twenty people were taught verbal self-guidance and positive self-talk — learning how to boost themselves up and be confident in what they have to offer. The remaining eight people

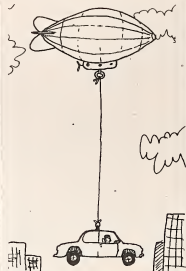
in the control group received no training.

Nine months after the training sessions, 50 per cent of the trained group had found employment within \$10,000 (plus or minus) of their former salary. Of the remaining 50 per cent, five had retired, one returned to school and four could not be located. Only one of the eight in the control group found employment.

"In today's environment re-employment can be very difficult," Latham says. He explains that many unemployed people suffer from learned helplessness. "They read the news and look at the employment section and get the message that no matter how hard they try they are not going to get anywhere because there is nothing out there for them."

The goal was to make the training group aware of how they talked about themselves and to help them achieve self-efficacy — "the belief that you can make things happen and achieve desired goals," he explains. Through the course of the seven two-hour sessions people progressed from saying things like "no one would want to pay a 50-year-old \$70,000 when there are so many young people out there looking" to "I am 50 years old and look at all the experience I have that a 30-year-old does not."

"For training that takes only 14 hours of someone's life these are pretty positive results," Latham says.



Researching a hydrogen-powered car

Worried about rising pollution levels in the Earth's atmosphere, governments around the world are pressuring car manufacturers to turn out more environmentally friendly vehicles. Professor Charles Ward of mechanical and industrial engineering is working with one major automaker to develop the first efficient, cost-effective, electrically powered car. It would run on hydrogen instead of gasoline and therefore produce no carbon dioxide.

"We are trying to produce a power system for automobiles consisting of a fuel cell and a hydrogen storage system," Ward explains. The fuel cell has been available for decades in the space industry, where it is currently used. Hydrogen storage systems are also available but are too cumbersome and expensive to use on cars. Ward has found a way of reducing these problems.

"We're in the preliminary stages of developing an efficient way of generating hydrogen for automotive applications," he says. "We have a material that reacts with water — a dry, very light-weight powder. When you want to generate hydrogen for your car, you inject water into it and hydrogen is produced. And you only produce hydrogen as you need it."

The system, which Ward has spent the past 15 years developing, is safer than storing and carrying hydrogen in cylinders in the vehicles themselves. It's also easier to install and much cheaper than other systems recently developed by other car manufacturers, primarily in Germany.

Ward, who predicts we're still a decade away from being able to buy a hydrogen-powered car, is currently working with Toyota International to test the system on its cars.

Statistician predicts Bailey win in upcoming race

Professor Rob Tibshirani of statistics is predicting that Canadian sprinter Donovan Bailey will beat rival Michael Johnson of the United States by .09 seconds when the two race June 1 at SkyDome.

Tibshirani, who also teaches in preventive medicine and biostatistics, has timed and analysed videotapes of the races both sprinters ran during the 1996 summer Olympic Games in Atlanta. Bailey won the gold medal in the 100-metre race, earning him the title of fastest man

in the world; Johnson won gold in the 200-metre.

"I taped both races along with the 110-metre hurdles race," Tibshirani explains. "Using the known positioning of the hurdles, I established landmarks on the infield whose distance from the start I could determine." By playing videos of the races in slow motion and using the official race clock on the screen, Tibshirani estimated the time it took each runner to reach each marking. He then applied his measurements to an existing mathematical model to estimate that Bailey would complete a 150-metre race in 14.73 seconds while Johnson's timing would be 14.82 seconds. The model also predicted that Bailey would win by between .03 and .22 seconds, 95 times out of 100.

Tibshirani acknowledges his prediction is based solely on just one race for each runner and that such things as the sprinters' consistency, competitiveness and race strategy, which will be crucial at the upcoming match, were not taken into account. However, if Tibshirani's numbers are right, Bailey will continue to be the world's fastest man.

New link discovered between cell regulators

Researchers at U of T and Yale University have discovered a new link between cell regulators that could lead to improved treatments for cancer and other diseases involving unregulated cell division.

The division of cells occurs through a cascade of events linked together by regulators, in which regulators at the beginning of the cascade interpret signals from other cells or their environment and regulators at the end of the cascade tell the cell whether or not to divide.

The new study provides information about how cells interpret complex signals, which is significant since cells that are unable to interpret complex signals properly and therefore divide inappropriately can produce tumours. Chemotherapy currently targets all growing cells so healthy replicating cells as well as cancerous cells are killed and patients end up losing their hair and nails and enduring other unnecessary side effects. "These and other new findings about the complex signalling involved in cell growth brings scientists around the world a step closer to developing more cell specific types of chemotherapy," says Professor Brenda Andrews of medical genetics and microbiology.

The research, published in the March 21 edition of *Science*, is the result of a collaboration that began in 1993 when Yale researcher Kevin Madden was conducting a simple yeast-cell experiment and noticed Andrews' key regulator kept appearing during a general genetic screen to look at a signalling mechanism. The scientists carried out their research in yeast since the regulators in yeast and human cells are virtually identical. The study was funded by the Medical Research Council.

Awards Excellence

The University of Toronto Alumni Association invites you to attend the

1997 AWARDS OF EXCELLENCE CEREMONY

Celebrating the achievements of:

PROFESSOR GERALD K. HELLEINER
Faculty Award Recipient

RUSSELL G. JONES
John H. Moss Scholar

DEBORAH CAMPBELL
Chancellor's Award Recipient

MARCO SANTAGUIDA
Joan E. Foley Quality of Student Experience Award

PROFESSOR METTA SPENCER
Ludwik and Estelle Jus Memorial Human Rights Prize

WEDNESDAY, APRIL 30, 1997
at Hart House

Award Presentation: The Great Hall, 5:30 p.m.

Reception: East Common Room, 6:30 p.m.

Business Attire

For information, please call 978-4258 or 978-6536

RSVP BY APRIL 23, ACCEPTANCES ONLY, 978-2368
OR EMAIL: LOUISE@DUR.UTORONTO.CA

LIMITED SEATING

LETTERS

THE DANGER OF SOLID DOORS

I write about a grave matter concerning the health and safety of all members of the university community who have offices with solid, as opposed to glass-panelled, doors. Let me explain. When we moved back to our renovated building late last December I was surprised, even shocked, to discover that what had once been a solid door to my office had been replaced by a glass-panelled one, allowing all and sundry to view me from the corridor. Being a university professor I naturally suspected this was some nefarious administrative scheme for total surveillance, a Foucauldian panopticon come to the Faculty of Social Work. Like many of my colleagues I put up a poster to provide some reasonable level of privacy.

Recently this poster was removed and in the process of making firm but polite inquiries about its disappearance the faculty's administration revealed the truth about the glass panelling. It had indeed been installed for the purposes of surveillance but only of the most beneficial and humanitarian kind. I was told that University of Toronto health and safety regulations require all glass doors to be free of obstructions at all times.

The health example given was that should I (or as I would prefer to think, one of my colleagues) suffer a heart attack and be lying stricken on my office floor, then I could be seen immediately and presumably rescued and resuscitated or at least, if that was no longer an option, then discreetly removed. Let anyone think I make light of this or the job death by coronary scenario I should tell you that my father, a professor of philosophy at Victoria College, died a number of years ago eating lunch at Burwash Hall, falling into his blueberry pie, downed by a massive stroke. The safety example given was death by smoke inhalation should there be a fire in the building; my chances of being saved by the fire department would be greatly enhanced if my glass door was unobstructed. It struck me later that to make this whole thing work properly, regular (every half hour?) corridor patrols would have to be established and I trust this will be done shortly. Until they are I intend to stop eating pie.

Clearly our faculty members are extraordinarily privileged to have doors featuring glass panels. With stress at the university on the rise, undoubtedly increasing the heart attack rate (perhaps one of the campus epidemiologists could

provide figures) it would seem that every person working behind a solid door should consider requesting its replacement by a glass one. It could prolong your life.

ALLAN IRVING
FACULTY OF SOCIAL WORK

NAME DROPPED INADVERTENTLY

At the Feb. 21 special convocation at which Vaclav Klaus, prime minister of the Czech Republic, received an honorary doctor of laws degree the name of Lubomir Dolezel was inadvertently omitted from the list of colleagues who have taught Czech literature at the university. As the author of the remarks in question I would like to apologize to Professor Dolezel for this unintended slight and to set the record straight. The Slavic department added Czech and Slovak language and literature to its curriculum in 1968 with aid of a generous grant from the Czech and Slovak community of Toronto. Professors Gleb Zekulin and Dolezel both joined the department in that year and shared responsibility for Czech and Slovak studies throughout their distinguished careers. Both have now attained the rank of professor emeritus and since 1988 the main

responsibility for teaching in this field has been held by Professor Veronika Ambros.

ROBERT JOHNSON
CENTRE FOR RUSSIAN AND EAST
EUROPEAN STUDIES

OMBUDSPERSON OFFICE WON'T MOVE

Your article on the ombudsperson's annual report contained one error that I would like to correct (Ombudsperson Calls for Better Service, March 17). It is not the case that the part-time ombudsperson, when appointed, will be located in Simcoe Hall. This was specifically ruled out during the discussions of the ombudsperson office at Governing Council last spring. The acting ombudsperson is at 16 Hart House Circle and I would expect her successor to be there as well.

JOHN DIAMOND
SECRETARY, GOVERNING COUNCIL

WASHROOM ADS DANGER TO INTEGRITY

The University of Toronto National Report 1996, which I received last month, "celebrates our alumni, their contributions to Canada and their place in the world." As I read with pride the achievements of some of

the most distinguished graduates of our university, I wondered whether they would share the concerns of its faculty for the degradation this institution is suffering today through increasing commercialization.

In vain I have tried to have offensive advertising material removed from the washroom walls in the McLennan Physical Laboratories. The conflict in values between these sexist ads and the display on Influential Women in Physics exhibited in the foyer of the same building speaks of cognitive dissonance on the part of the university administration.

These washroom ads are a crude manifestation of a much greater danger to the integrity of our universities through their commercialization under the pressure of "market forces." In a letter to the editor Professor Peter Rosenthal describes an emerging reality in our great university — its prostitution through commercialization (Selling our soul, Nov. 25).

ERIC FAWCETT
PHYSICS

LETTERS DEADLINES

APRIL 18 FOR APRIL 28
MAY 2 FOR MAY 12
Letters may be edited for length and clarity.

Un-bank yourself



METRO
CREDIT UNION

Call 978-3900 for further details and branch locations.

EVENTS



LECTURES

Canada and the U.S.: Visions of the 20th Century.

WEDNESDAY, APRIL 9
Prof. Stephen Blank, Pace University, visiting Claude Bassel professor of Canada-U.S. relations. Avenue Room, Park Plaza Hotel. 12 noon to 2 p.m. Tickets \$30. Information: 978-3350. *International Studies*

Ethics and Technology: Can Technological Decisions Be Divorced from Ethical Decisions?

WEDNESDAY, APRIL 9
University Prof. Em. Ursula Franklin, metallurgy and materials science, and Society series. Junior Common Room, Macey College. 7:30 p.m. *Mussey*

Recent Excavations at Gordian, Turkey: An Achaemenid Persian Imperial Town in Central Anatolia.

WEDNESDAY, APRIL 9
T. Cuyler Young, Jr., museum studies program. Auditorium, Earth Sciences Centre. 8 p.m. *Canadian Society for Mesopotamian Studies*

Knowledge Media in Work Practice.

THURSDAY, APRIL 10
Lucy Schman, Xerox PARC, Knowledge Media Design: New Technologies for a Knowledge Society series. Auditorium, OISE/UT, 252 Bloor St. W. 3 to 5 p.m. Tickets \$12. *KMDI*

Making Sense of a Social World: Mind Reading, Emotion and Relationships.

THURSDAY, APRIL 10
Judith Dunn, Institute of Psychiatry, London, England; 1997 Graham lecture. 140 University College. 4:30 p.m.

Pottery and the Roman Empire.

TUESDAY, APRIL 15
Simon James, Durham University. Lecture Hall, Gardiner Museum of Ceramic Art, 111 Queen's Park Cres. 2 p.m. Tickets \$7, member \$5, students \$3.

The Phenomenal Ben Hur: The Tale That Made History.

TUESDAY, APRIL 15
Simon James, Durham University. Lecture Hall, Gardiner Museum of Ceramic Art, 111 Queen's Park Cres. 8 p.m. Tickets \$7, member \$5, students \$3.

Policy Implications for Knowledge Media.

THURSDAY, APRIL 17
Prof. Andrew Clement, Faculty of Information Studies, Knowledge Media Design: New Technologies for a Knowledge Society series. Auditorium, OISE/UT, 252 Bloor St. W. 3 to 5 p.m. Tickets \$12. *KMDI*

States, Nations and Cultures.

FRIDAY, APRIL 18
Prof. Wil Kymlicka, University of Ottawa. 108 Koffler Institute for Pharmacy Management. 2 to 4 p.m. *Ethnic, Immigration & Pluralism Studies*

Learning Stochastic Grammars.

TUESDAY, APRIL 22
Stephen Omohundro, NEC Research Institute; Computer Science: Its Theory, Practice, Applications and Implications series. 1105 Sandford Fleming Building, 11 a.m. *Computer Science and ITRC*

Leptin and the Molecular Mechanisms Regulating Body Weight.

MONDAY, APRIL 28
Prof. Jeffrey Friedman, Rockefeller University, N.Y.; Archibald Byron MacLachlan lecture. 3153 Medical Sciences Building. 4 p.m. *Physiology*

Mean Streets: Crime, Law and the Life Course.

TUESDAY, APRIL 29
Prof. John Hagan, law and sociology; Wilson Abernethy lecture. George Ignatieff Theatre, 15 Devonshire Place. 4 p.m. *Human Development, Life Course & Aging*

Dressing the Chimney with Flowers: 17th and 18th Centuries.

TUESDAY, APRIL 29
Patricia Ferguson, curator, in conjunction with Containers of Beauty: The Arts of Floral Display 1650-1820 exhibit. Lecture Hall, Gardiner Museum of Ceramic Art, 111 Queen's Park Cres. 6:30 to 8:30 p.m. Tickets \$7, members \$5.

COLLOQUIA

Heuristic and Systematic Social Information Processing: Accuracy, Defence and Impression Formation.

WEDNESDAY, APRIL 9
Prof. Shelley Chaiken, New York University. 211 Sidney Smith Hall. 4:15 p.m. *Psychology*

Electrochemical Approach to Charge Transfers across Unusual Interfaces.

FRIDAY, APRIL 11
Ashok Viji, Hydro Quebec. 158 Lash Miller Chemical Laboratories. 3:30 p.m. *Chemistry*

Reactivity Scales for Rationalizing and Predicting Polar Organic and Organometallic Reactions.

FRIDAY, APRIL 18
Prof. Herbert May, University of Munich. 158 Lash Miller Chemical Laboratories. 3:30 p.m. *Chemistry*



SEMINARS

In Conversation on Upiya.

MONDAY, APRIL 7
Graeme Nicholson, philosophy; Will Ostby, study of religion; P.A. Saram, University of Alberta; A.K. Wasie, East Asian studies; and Don Weber, Trinity Divinity. Buddhist Skillful Means (Upaya): Plato, Kierkegaard & Christian Apologetics series. Combination Room, Trinity College. 7 to 9 p.m. *Trinity Diversity*

Novel Components of the PKC1/MPK1 Signalling Cascade in Yeast.

WEDNESDAY, APRIL 9
Dr. Royman Ballster, University of California at Santa Barbara. 968 Mt. Sinai Hospital. 12 noon. *Samuel Laneberg Research Institute*

The Ups and Downs of Cytochrome P450 Regulation.

WEDNESDAY, APRIL 9
Prof. David Riddick, pharmacology. 4227 Medical Sciences Building. 4 p.m. *Pharmacology*

Ret/PTC1 Transgenic Mouse Model for the Induction of Papillary Thyroid Cancer.

THURSDAY, APRIL 10
Dr. Siny Jiang, Ohio State University.

968 Mt. Sinai Hospital. 4 p.m. *Samuel Laneberg Research Institute*

An in Vitro Approach to Understanding the Mechanisms of Respiratory Rhythm Generation.

THURSDAY, APRIL 10
Prof. J.M. Ramirez, University of Chicago. 3231 Medical Sciences Building. 4 p.m. *Physiology*

"Popular" vs. "Official" Islam: A Search for the Right Concepts.

THURSDAY, APRIL 10
Prof. Jacques Waardenburg, University of Lausanne. 200B Bancroft Hall, 4 Bancroft Ave. 4:10 p.m. *Near & Middle Eastern Civilizations*

Schizophrenia and the Family.

FRIDAY, APRIL 11
Jane Paterson, Clarke Institute of Psychiatry, and Dr. Randy Gangar, consultant in family treatment; Mental Illness and Families series. 801 Clarke Institute of Psychiatry. 9 to 11:30 a.m. *Clarke Institute of Psychiatry*

Russia 2000: A Comparative Look at Past and Future Transition to Markets.

FRIDAY, APRIL 11
Presenters: Natalia Gurubina, Czech Republic; Sergei Valtchouk, Russia; Alina Pekarsky, York University; Vladimir Popov, Russia; Fred Edlin, University of Waterloo; Oleg Bondar, Alla Lileeva, Sergei Cheokhine, Farid Rasool and Val Samonin, University of Toronto. 14352 Roberts Library. 4 to 6 p.m. *CREEE*

Adhesion Receptors, Morphogenesis and Signalling.

WEDNESDAY, APRIL 16
Dr. Caroline Damsky, University of California. 12 noon. 968 Mt. Sinai Hospital. 12 noon. *Samuel Laneberg Research Institute*

Design of Chemical Reactors at Unstable Steady States.

WEDNESDAY, APRIL 16
Prof. Warren Seider, University of Pennsylvania. 116 Wallberg Building. 12:30 p.m. *Chemical Engineering & Applied Chemistry*

In Vitro Studies of Human Hepatic CYP1A2 in Novel Cell Culture Systems.

WEDNESDAY, APRIL 16
Prof. Eve Roberts, Hospital for Sick Children. 4227 Medical Sciences Building. 4 p.m. *Pharmacology*

Is There Gain Control in the Auditory System?

THURSDAY, APRIL 17
Prof. Bruce Schneider, psychology. 3231 Medical Sciences Building. 4 p.m. *Physiology*

The Role of Religion in the Khmel'nyk Uprising, 1648-1657.

THURSDAY, APRIL 17
Prof. Frank Sysyn, University of Alberta. 97 St. George St. 4 to 6 p.m. *Ukrainian Studies*

Working with Families with Substance Use Problems.

FRIDAY, APRIL 18
Sheldon Pearlman and Wayne Skinner, Addiction Research Foundation; Mental Illness and Families series. 801 Clarke Institute of Psychiatry. 9 to 11:30 p.m. *Clarke Institute of Psychiatry*

Aminopeptidase P: A New Target for New Antihypertensive Drugs.

FRIDAY, APRIL 18
Dr. Jim Ryan, Medical College of Georgia. 105 Pharmacy Building. 10 a.m. *Pharmacy*

A Foucauldian Approach to the Life Course.

WEDNESDAY, APRIL 23
Prof. Adrienne Chabon, social work. Suite 106, 222 College St. 12 noon to 1:30 p.m. *Human Development, Life Course & Aging*

Characterization of a Mammalian Telomerase Associated Protein.

WEDNESDAY, APRIL 23
Dr. Lea Harrington, medical biophysics. 968 Mt. Sinai Hospital. 12 noon. *Samuel Laneberg Research Institute*

Effect of Chronic Environmental and Pharmacological Stress on Ethanol Consumption in Male Wistar Rats.

WEDNESDAY, APRIL 23
Yvona Buczek, PhD candidate, pharmacology. 4227 Medical Sciences Building. 4 p.m. *Pharmacology*

Living with Mood Disorders: An Individual and Family Perspective.

FRIDAY, APRIL 25
Chris Bartha, Clarke Institute of Psychiatry; Mental Illness and Families series. 801 Clarke Institute of Psychiatry. 9 to 11:30 p.m. *Clarke Institute of Psychiatry*

Receptor-Mediated Endocrine Disruption: Elucidation of Potential Mechanisms of Action.

WEDNESDAY, APRIL 30
Prof. Tim Zacharewski, University of Western Ontario. 4227 Medical Sciences Building. 4 p.m. *Pharmacology*

WORKSHOPS

Introduction to Voice Recognition.

WEDNESDAY, APRIL 9
A demonstration of how voice recognition works to input text and mouse commands to a computer, a discussion on the advantages and disadvantages of voice rec systems available at ATRC and how to use voice rec to make a work environment more efficient. Adaptive Technology Resource Centre, 1st floor, Roberts Library. 12:10 to 1 p.m. *Information Commons*

Designing Accessible Web Pages.

THURSDAY, APRIL 10
A discussion of problems and solutions for screen reader access to graphic intensive Web sites and issues of general accessibility to the Internet with people with disabilities. Adaptive Technology Resource Centre, 1st floor, Roberts Library. 12:10 to 1 p.m. *Information Commons*

Workshops for Women Faculty and Librarians.

TUESDAY, APRIL 15
A choice of four practical workshops: balancing an academic career and family responsibilities; research grants: the administrative ladder; and negotiating skills. 2240 OISE/UT, 252 Bloor St. W. 12 noon to 4 p.m. Pre-registration required. 978-3351. *UTPA: Family Care Adviser and Status of Women Office*

Screen Reading.

WEDNESDAY, APRIL 16
A look at JAWS for Windows 95. Workshop will provide an overview of this popular screen reader and illustrate some of the strengths and limitations of the technology. Adaptive Technology Resource Centre, 1st floor, Roberts Library. 12:10 to 1 p.m. *Information Commons*

Advanced Voice Recognition.

THURSDAY, APRIL 17
Advanced concepts will be discussed including voice files and creating macros. Adaptive Technology Resource Centre, 1st floor, Roberts Library. 12:10 to 1 p.m. *Information Commons*

Document Processing.

WEDNESDAY, APRIL 23
Workshop on how to create documents with the computer efficiently; included is the use of templates, custom work space and cross application document merging. Adaptive Technology Resource Centre, 1st floor, Roberts Library. 12:10 to 1 p.m. *Information Commons*

Literacy Support Technology.

THURSDAY, APRIL 24
Workshop on the use of optical character recognition, text-to-speech, work prediction, spelling and grammar checkers, useful document processor shortcuts and electronic books. Adaptive Technology Resource Centre, 1st floor, Roberts Library. 12:10 to 1 p.m. *Information Commons*

MEETINGS & CONFERENCES

Human Rights and Responsibilities.

TUESDAY, APRIL 8
Human rights symposium. Rhoda Howard, McMaster University, Human Rights and the Culture Wars, respondent: John Meisel, Queen's University; Hon. Landon Pearson, Senate of Canada, Children's Rights and Foreign Policy, respondent: Roseann Runte, Victoria University; Maureen O'Neill, International Centre for Human Rights & Democratic Development, University of Human Rights: Threats from the Market Place, respondent: R. Cranford Pratt, University of Toronto. 001 Emmanuel College, Victoria University. 4 p.m. Information: Eva Kushner, Freedom of Scholarship & Science Committee, eva.kushner@utoronto.ca. *Royal Society of Canada*

Planning & Budget Committee.

TUESDAY, APRIL 8
Council Chamber, Simcoe Hall. 5 p.m.

Women's Health: Filling the Gaps.

WEDNESDAY, APRIL 9
Sessions include Women's Health Research: Targeting the Gene; The Nurses' Health Study; 20 Years Later; Hormonal Manipulation: Striking the Balance; Negotiating the Health Care System; Women's Attitudes, Preferences and Behaviours; Feeling Good, Living Better, Living Longer: Where is Research in Women's Health Taking Us? Breast Cancer and Ovarian Abnormalities; 100 Years of Learning; Dr. Helen Stewart, 1997 F.M.J. lecture. Information and registration forms: 978-2719; fax, 971-2200. *Medicine, Women's College Hospital and Research in Women's Health*

International Perspectives on Sex Offenders in Society.

WEDNESDAY, APRIL 9 TO FRIDAY, APRIL 11
Conference at the Park Plaza Hotel.

WEDNESDAY, APRIL 9

Sexual Victimization: The Reality in America, Dean Kilpatrick, Medical University of South Carolina; The Experience of One Victim: From Victimization to Action, Ellen Halbert, Texas Board of Criminal Justice; Child Offenders, Alison Gray, Centre for Forensic Services; Justice Offenders, Keith Kaufman, Ohio State University; Adult Sex Offenders, Robert Prentky, Joseph J. Peters Institute, Risk Assessment, Karl Hanson, ministry of the solicitor-general; Sex Offenders in Canada: Criminal Processing, Alexander Green, Clarke Institute of Psychiatry; plenary panel: The Sex Offender in the Canadian Community: Realities, Myths and Issues.

THURSDAY, APRIL 10

A Review of Recent Sex Offender Legislation in Washington and Other States, Roxanne Lieb, Washington State Institute for Public Policy; Enactment of

EVENTS

Sex Offender Legislation: An Elected Official's Perspective, representative of the solicitor-general's office; Public Policy on Sexual Offences and Offenders: Criminal Justice or Public Health, John LaFond, Seattle University; Therapeutic Jurisprudence and Sex Offenders, David Wester, University of Arizona; panel session one Policy and Legislation concerning Sex Offenders; panel session two: Therapeutic Jurisprudence and Sex Offenders; special training session: Introduction to Working with Sex Offenders in the Community. Part I.

FRIDAY, APRIL 11
Evaluating the Efficacy of Treatment Programs, Howard Barbaree, Clarke Institute of Psychiatry; The Clearwater Sex Offender Treatment Program: Positive Treatment Effects, Terry Nicholichuk, Regional Psychiatric Centre, Saskatoon; Social Control of Sex Offenders: The Containment Approach, Kim English, Division of Criminal Justice, Arizona; Life Probation: A Prosecutor's Perspective, Cindy Naveen, Maricopa County District Attorney's Office; The Role of Corrections in Community Control, Lynn Stewart, Correctional Services Canada; panel session one: Pre-sentencing, Sentencing and Disposition; panel session two: Release and Integration; special training session: Introduction to Working with Sex Offenders in the Community. Part II. Special presentation: Working Together to Prevent Sex Offender Recidivism in Canada, senior representative, Correctional Services Canada. Registration fee: \$325. Information: 979-4747, ext. 245; fax, 979-4970. *Clarke Institute of Psychiatry and Correctional Services Canada*

Developing Intentions in a Social World.

THURSDAY, APRIL 10 TO SUNDAY, APRIL 13
Sessions at University College.

THURSDAY, APRIL 10
Keynote address: Making Sense of a Social World: Mind Reading, Emotion and Relationships, Judy Dunn. Room 140. 4:30 p.m.

FRIDAY, APRIL 11
Session 1: Development of Intention during Infancy. 9:30 a.m. to 12:15 p.m.
Session 2: Intention in a Social Context. 2 to 5:15 p.m.

SATURDAY, APRIL 12
Session 3: Development of Intention during Early Childhood. 9:30 a.m. to 1 p.m.
Session 4: Comparative Perspectives on Intention. 2:45 to 5:15 p.m.

SUNDAY, APRIL 13
Session 5: Children's Concept of Intention. 9:30 a.m. to 1 p.m. Registration information: 978-5160; fax, 978-8854. *Psychology*

Planning & Budget Committee.
THURSDAY, APRIL 15
Council Chamber, Simcoe Hall. 5 p.m.

Good Lecturing:
Unlocking an Audience.

THURSDAY, APRIL 17
A one-day conference on best practices in universities and colleges. Erindale College. Power Presentations, Peter Urs Bender, author; Learning in the Computer-Assisted Classroom, Les Kramers; Erindale College; Case Teaching in the Jazz Metaphor, Kim Monroney and Stephen Preece, Wilfrid Laurier University; Personalizing the Large Class in Math, Pat Rogers, York University; Critical Incidents: Using Video Vignettes for Teaching Development, Andy Parquharson, University of Victoria; Teaching Teachers How to Teach, Jay Keystone, Department of Medicine; Faculty Towers: Sisyphus and Python on Campus, Brian Lital, Carleton University. Pre-registration: \$100, students \$50. Information: (905) 828-3211; fax, (905) 569-4302; e-mail, rantonio@credit.erin.utoronto.ca.

Governing Council.
THURSDAY, APRIL 24
Council Chamber, Simcoe Hall. 4:30 p.m.

Historical Themes and Current Change in Centre and Inner Asia.

FRIDAY, APRIL 25 AND SATURDAY, APRIL 26
Sessions at Croft Chapter House.

FRIDAY, APRIL 25
The Continuing Role of Central Asia in the World Economy to 1800, Gunder Frank, University of Toronto; Traditional Political Institutions in Modern Kazakhstan, Zhanlyshyan Dzhusonova, National Academy of Sciences, Kazakhstan, 9 to 10:30 a.m.

Tiger Stripes Patterns among Chinese Textiles, John Vollmer, Vollmer Cultural Partnerships, Toronto, and Jacqueline Simcos, London-based specialist in Asian Textiles; The Chinese Invasion of Ando Tiber in the 11th Century, Paul Forge, University of Michigan. 11 a.m. to 12:30 p.m.

Economic Integration of Kazakhstan: The Customs Union and the Central Asian Single Economic Space, Natsuko Oka, Institute of Developing Economies, Tokyo; A 5th- to 8th-Century "Thaumaturgical Text" in Sogdian from Tun Huang. 2 to 3 p.m.
Tadjikistan: une guerre inévitable? Nasrin Dahmeh, IRIS Université de Paris; The Limits of Nomadism as Seen from the Balkans and Asia Minor, Rudi Paul Lindner, University of Michigan. 4 to 5:30 p.m.

SATURDAY, APRIL 25
Environmental Scarcity: The Case of the Aral Sea Basin, Ian Smith, University of Amsterdam; The Cult of the Hohobur Lake: Ritual and Political Control of Nomads in the 18th and 19th Century. 9:30 to 11 a.m.
Some Areal Religious Features Linking Tibet and Central Eurasia, Michael Walzer, Indiana University; Nomad Sedentary Political Relations between Medieval Russia and the European Steppe, Andrei Jankelevitch. 11:30 a.m. to 1 p.m.
Registration fee: \$20. Information:

Michael Gervens, 102063.2152@compuserve.com; registration: Gillian Long, 978-4882, gillian.long@utoronto.ca.

University Affairs Board.
WEDNESDAY, APRIL 30
Council Chamber, Simcoe Hall. 4:30 p.m.

MUSIC
FACULTY OF MUSIC
EDWARD JOHNSON BUILDING
Thursday Noon Series.

THURSDAY, APRIL 10
Performance of works by student composers. Walter Hall. 12:10 p.m.

Faculty Artist Series.
FRIDAY, APRIL 18
Monica Whitcher, soprano, and Russell Braun, baritone, with Carolyn Maule, piano in honour of Greta Kraus. Walter Hall. 8 p.m. Tickets \$15, students and seniors \$10.

EXHIBITIONS
NEWMAN CENTRE

TO APRIL 26
Ila Kellerman, works. Hours: Monday to Friday, 9 a.m. to 5 p.m.

GARDINER MUSEUM OF CERAMIC ART
Gardens Within.

TO APRIL 30
Susan Card and Robert Tetu, porcelain vessels. Gardiner Shop.

Containers of Beauty: The Art of Floral Display, 1650-1820.

TO AUGUST 3
Decorative ceramic containers for displaying and growing flowers. Main floor. Hours: Monday to Saturday, 10 a.m. to 5 p.m.; Tuesday, 8 p.m.; Sunday, 11 a.m. to 5 p.m.

UNIVERSITY OF TORONTO ART CENTRE
Selections.

TO AUGUST 29
Selections from the Malcoe Collection, the UC Art Collection and the U of T Art Collection. Hours: Tuesday to Friday, 11 a.m. to 4 p.m.

SCHOOL OF ARCHITECTURE & LANDSCAPE ARCHITECTURE
Rebuilding 230 College.

APRIL 7 TO MAY 1
Past and current proposals for renovation including a comprehensive design being put forward for approval and funding by the university. SALA Gallery, 230 College St. Hours: Monday to Friday, 9 a.m. to 5 p.m.

JUSTINA M. BARNICKE GALLERY
HART HOUSE
Chthonic Light.

APRIL 10 TO MAY 8
Leslie Thompson, photo installation. Hours: Monday to Friday, 11 a.m. to 7 p.m.; Saturday and Sunday, 1 to 4 p.m.

THOMAS FISHER RARE BOOK LIBRARY
Tending the Young: From the T.G.H. Drake Collection on the History of Pediatrics.

APRIL 22 TO AUGUST 15
A tribute to Drake, co-inventor of the infant formula Pabulum, as a book collector and historian of pediatrics, display of some of the most significant works from his collection representing the early period to 1800. Hours: Monday to Friday, 9 a.m. to 5 p.m.

MISCELLANY
The Great Debate.

THURSDAY, APRIL 8
Ruth Grier, visiting environmentalist, and Prof. Michael Bliss, history. Be it resolved that "a publicly funded health care system is most effective from cost and care perspectives." Moderator: Prof. Larry Bourne, geography. Croft Chapter House. 4 to 5:30 p.m. *Geography*

Choosing Child Care That Works for Your Family.

WEDNESDAY, APRIL 9
Session covers types of care available, costs, evaluation of caregivers and other information parents need to make the best decision for their children. 40 Sussex Ave. 12 noon to 1:30 p.m. Registration: 978-0951. *Family Care Adviser*

Baycrest Gigantic Spring Sale.

THURSDAY, APRIL 10
Clothes for the whole family, children's toys, collectibles, a silent auction and more, thousands of items at great prices. Baycrest Centre for Geriatric Care, 3560 Bathurst St. 9 a.m. to 7 p.m.

Metro Regional Science Fair.

FRIDAY, APRIL 11
Showcases outstanding science projects from Metro Toronto students, Grade 7 to OAC. Ramsay Wright Zoological Laboratories. 9 a.m. to 5 p.m. *Art & Science*

Discover Science Day.

TUESDAY, APRIL 15
Girls in Grades 9 and 10 are invited to explore the world of science through interactive, hands-on activities and workshops. East Hall, University College. 9 a.m. to 2 p.m. *Art & Science*

Maternity Leave Planning.

THURSDAY, APRIL 17
Seminar for all faculty and staff preparing to take maternity leave; provides information on UIC and university benefits and

policy, sibling issues and strategies for combining work at family life. 12 noon to 2:30 p.m. Pre-registration required. *Family Care Adviser*

Overcoming the Fear of Fear.

THURSDAY, APRIL 15
Presenters: Profs. Martin Antony and Richard Swinson, psychology, and an individual who has lived with panic disorder; moderator: Christina Bartha, Clarke Institute of Psychiatry. Adwyn B. Stokes Auditorium, Clarke Institute of Psychiatry. 7 to 8:30 p.m. *Clarke Institute of Psychiatry*

Surviving Workplace Change.

TUESDAY, APRIL 22
Ann Furlanow will talk about her recent book *Naming Rampoliticized: Who Will Profit and Who Will Lose in the Workplace of the 21st Century?* luncheon series. 121 Woodsworth College. 12:15 to 2 p.m. *UTS and Status of Women Officer*

Take Our Daughters to Work Day.

THURSDAY, APRIL 24
Job-shadowing in the parent's workplace, 9 to 11:30 a.m. Great Hall, Hart House, key speakers: Faith Holder, third-year arts and science student studying biology and women's studies, and Tina Pieper, third-year applied science and engineering student studying engineering science, both are National scholars, 12 noon to 12:45 p.m.; Great Hall/Quadrangle, Hart House, sandwich lunch, 12:30 to 2 p.m.; group tours, 2 to 3:15 p.m.; lecture by Prof. Heather Munroe-Blum, vice-president (research and international relations) on A Nineties Perspective on the Health of Girls and Women, auditorium, Earth Sciences Building, 3:30 to 4 p.m. Parents pick up their daughters. Information: 978-8442.

Study on Female Circumcision in Canada.

TUESDAY, APRIL 29
Featuring Prof. Justice Boddy, anthropology. Ethical Problems in Cross-Cultural Research discussion series. Flavell House, Faculty of Law. 4:30 p.m. *Research Services*

Staff Resumes Clinic.

MONDAYS.
Clinic provides an opportunity to meet one-to-one basis with Staff Development Resource Centre staff to have resumes critiqued. Hours: 1 to 3:30 p.m. Appointments: Thomas Nash, 978-7573; e-mail, thomas.nash@utoronto.ca.

DEADLINES

Please note that information for Events listings must be received in writing at The Bulletin office, 21 King's College Circle, by the following times:

Issue of April 28, for events taking place April 28 to May 12, **MONDAY, APRIL 14**.
Issue of May 12, for events taking place May 12 to 26: **MONDAY, APRIL 28**.

1997 Graham Lecture

JUDITH F. DUNN

Institute of Psychiatry, London, England

Making Sense of a Social World:

Mind Reading, Emotion, and Relationships

Thursday, April 10, 1997

4:30 p.m., Room 140, University College

15 King's College Circle, University of Toronto

Members of the staff, students and the public are cordially invited

Dr. E. Douglas Jones



Brighter BREATH™

At The Annex

Treatment Centre for Bad Breath

Kiss Bad Breath Good-bye!™

535A Bloor St.W., Suite 201
Toronto, Ont. M5S 1Y5

Tel: (416) 535-1167

CLASSIFIED

A classified ad costs \$15 for up to 35 words and \$5.00 for each additional word (maximum 70). Your phone number counts as one word, but the components of your address will each be counted as a word. A cheque or money order payable to University of Toronto must accompany your ad. Ads must be submitted in writing, 10 days before *The Bulletin* publication date, to Nancy Bush, Department of Public Affairs, 21 King's College Circle, Toronto, Ontario M5S 3J3. Ads will not be accepted over the phone. To receive a tearsheet and/or receipt please include a stamped self-addressed envelope. For more information please call: (416) 978-2106.

ACCOMMODATION RENTALS AVAILABLE -METRO & AREA-

House for rent. Cabbagetown executive, fully furnished, detached, 4 bedrooms, 2 bathrooms, central air, fireplace, garage. August 1 or sooner, lease 921-7406. 1998, \$2,000. References: 921-7406.

Furnished house in Ajax: four-bedroom, finished basement, backs onto park and school, large deck, fireplace, central air, piano. Easy one-hour commute to U of T. Available June 15 - December 28. \$1,200 + utilities. 978-1821. evans@chem-eng.utoronto.edu

September through December 1997. Beautiful, renovated semi, furnished, 2 bedrooms plus den/office with desk, fax, copier, VCR, opposite large park. New eat-in kitchen, all appliances, central air, stereo, piano, patio garden. Close to Greenwood subway. Permit parking. No smokers, pets please. \$1,250+. Phone (416) 465-3804 April 8-14; other times (416) 406-1406.

Summer rental. Beautiful fully furnished Victorian 2-bedroom duplex on 2 floors. Lots of trees, skylight, 2 decks, laundry, cable TV, VCR, College/Ossington, 10 minutes to campus by streetcar. \$1,100 inclusive. May 15 to September 1. 534-6876.

Furnished house - sabbatical rental: Broadview/Danforth (Plyater Estates), renovated, four-bedroom, den, hardwood, finished basement, private drive, steps from shopping. Available August/97 - June/98. \$2,200/month + utilities. 978-5889, sncial@me.utoronto.ca

House available. Short-term sublet July-August 1997. Beach, furnished, 2-car garage parking, 5 bedrooms, 2 bathrooms, 5 appliances, deck, landscaped yard, finished basement, close to all amenities. Price negotiable. Call Jim at 396-2335 or 699-5477 (evenings).

Broadview/Danforth. Clean, bright, three-bedroom, two fireplaces, two bathrooms, two decks, large kitchen, five appliances, central air, parking, spacious finished basement, quiet residential street near park, shopping, TTC. May 1, lease, references.

\$1,650/month plus utilities. 924-3990.

Guest house. Walk to U of T. Restored Victorian home, furnished & equipped complete home, shared rooms or self-contained apartment. Long- or short-term stays. Flexible dates, accommodations and rates. 588-0560.

Annex short-term apartment. Furnished & equipped. Immaculate, quiet, smoke- and pet-free parking & laundry. Walk to U of T. ROOM. Available May 1. \$350 per week inclusive (negotiable for longer term). (416) 967-6474. Fax 967-9382.

Sabbatical rental, July 1997 through August 1998. Teacher with detached, 2-bedroom, renovated, furnished house: fireplace, basement, large deck, patio, landscaped backyard, many mature trees. 5-minute stroll to Greenwood subway. 5-minute drive to Don Valley expressway. \$1,300/month includes utilities, parking. May Grindall (416) 466-8260.

Leslie/Sheppard. 2-bedroom fully furnished house. 1 1/2 baths. Air conditioning. Heated pool. Cable access to bus and subway. No smokers, small children, pets. Late June to early September. \$1,500/month, inclusive. (416) 499-5669.

Sabbatical house. Beautifully restored and furnished Victorian, open-concept, hardwood floors, exposed brick walls, leaded glass, 2 fireplaces, 3 bedrooms + study alcove, room-size antique bathroom, deck, private garden. No pets. Bloor/Ossington, \$1,700 + utilities. September 1997 - August 1998. 536-9326. tangle@chass.utoronto.ca

Beaches rental. Minutes from boardwalk; fully furnished 3-bedroom home; partly finished basement; backyard, deck, BBQ, mature trees, permit parking July 1, 1 year. \$1,500 + utilities. Call (416) 691-6801.

Summer rental. Lovely, large, furnished house on quiet street, 2-minute walk to campus. Near subway, art gallery and parks. Late May to end August. \$1,900, including utilities and parking. 591-7554 or shaw@chem-eng.utoronto.ca

Within walking distance of University of Toronto, convenient to schools, shopping and TTC. St. Clair and Yonge areas. 9-room

furnished house (3 bedrooms, 2 studies), large garden, parking. From September 1 (or earlier) to end December. \$2,500 per month plus utilities. 585-4444.

Large, quiet, 2-bedroom, 2-bathroom apartment. 1 year from July 1. Avenue Road/Bloor. Concierge, courtyard. \$1,800/month. Non-smokers. 967-0575. ellem@zoo.utoronto.ca

Ten-minute walk from University. Renovated Victorian row house, fully furnished, new garage, paved backyard with small garden, bedroom with cathedral ceiling, child's bedroom, third-floor office or bedroom with balcony, laundry, 2 bathrooms. From mid-August to mid-December. \$2,500 inclusive per month. Call (416) 537-1996.

Traditionally furnished, carpeted, 2-bedroom apartment with balcony, in secure building, at High Park subway. \$1,200 monthly includes locked underground parking, hydro, telephone, cable, air conditioner. Adults only. May through October. (416) 763-3125.

Annex/Yorkville. Spacious, renovated basement studio apartment in professor's home. 5-minute walk to St. George campus. All appliances, laundry. Available May 1. \$595. 968-6945.

Professor's three-bedroom home for sublet July-August. Annex area, near University, cultural amenities, restaurants, subway. Three stores, backyard, children welcome. Below market rent, \$1,250/month +. (416) 920-0755. ivan.kalmar@utoronto.ca

Furnished 3-bedroom, 3-storey, family home close to University. May 10 to September inclusive. Non-smoking. Family room, computer room, modern kitchen, deck and barbecue. 1 1/2 baths, parking, \$2,000 per month plus utilities. (416) 927-7923.

Wilketts Sublet summer sublet. June 1 - August 31. Spacious upper duplex, furnished, one-bedroom, modern kitchen, AC, adjacent to U of T campus. Ideal for visiting professors. \$1,000 monthly inclusive. 967-6455.

Large, beautiful, clean, 3-bedroom apartment. May 1. Queen St. W. @ Jameson.

Victorian building. Hardwood floors, balcony, 24-hour access to amenities/TTTC. \$1,000/month + utilities. 534-3262 Monday through Saturday, 9 to 6.

Beautiful 1-bedroom + solarium condo. Balcony, parking, pool, gym, squash court. Walk to U of T, Eaton Centre. Furnished \$1,250, unfurnished \$1,100. May 1 or June 1. 966-5044. Call today.

Lake retreat in city. Character 2-bedroom apartment at lakeside park near Islington. Hardwood floors. Jacuzzi. Large LRDR. 4-step walkdown. Tranquility, waves, trees, birds. Near 3 parks, shopping. 20-minute drive or 50 minutes TTC to U of T. \$950. May 1. Call (416) 924-1538.

Furnished house, Beach Triangle. 3 bedrooms, 1 1/2 baths, finished basement, fully equipped, air, fireplace, fenced backyard, deck, private drive. 1-year lease. Available immediately. \$1,500+ 690-4993 or 691-2595.

Summer rental. Beautiful Victorian house, fully furnished, on Brunswick near U of T. 3 bedrooms and 2 1/2 bathrooms, Jacuzzi, piano, greenhouse kitchen, patio-garden. July-August, \$1,200. Contact (416) 969-9048 or email vishnu@lap.com

Sabbatical house, 3 bedrooms, furnished, 5 appliances, backyard parking, deck. South Riverside, steps to College streetcar, 15-20 minutes to hospitals and University. Available June 1 through mid-December. \$1,200/month. (416) 461-3414. E-mail: mmorris@chass.utoronto.ca

Yonge/York Mills. Furnished, nicely decorated, spacious, 1-2 bedrooms, dining room, balcony, AC, low-rise, quiet neighbourhood, opposite park. Subway parking, walk to shopping. Mid-July - September. \$750/\$850. Time, price, space negotiable. 224-9809.

Annex sabbatical rental: three-storey furnished, renovated Edwardian semi. Outstanding location, close to University, shopping, schools, park, 2.5 baths, 2 kitchens, all appliances, whirlpool tub, stereo, VHS, VCR, piano, 3rd-floor deck, garden. 2.3 bedrooms plus library/office. Open-concept 3rd floor could be self-contained apartment. Non-smokers, no pets. Summer 1997 - summer

1998. \$1,950 + utilities. Evening 926-0269. dave Michael Bales 484-6533 x221. mrogow@chass.utoronto.ca

Bloor/Bathurst sublet. Available May 1 to June 30. One-bedroom, furnished, near subway and 10-minute walk to U of T. Quiet, third floor with deck and laundry. \$850/month inclusive. Call 978-4975 or england@chass.utoronto.ca

Charming two-storey Annex duplex. Fully furnished, 2 bedrooms, a study, one and a half baths, living-room with fireplace, large deck. \$1,200/month. Call (416) 929-2242.

Sublet/house-sit month of May. Reliable person or couple desired. Reasonable rent. Moore Park, Mt. Pleasant and St. Clair. Walk to subway. Must care for family cat. (416) 481-9496.

Annex, Madison. Lovely one-bedroom apartment in a smoke-free heritage home. Broadview/intercom, recessed and track lighting, intercom, laundry. Steps to U of T and subway. \$1,050 plus hydro. 929-3936.

ACCOMMODATION RENTALS REQUIRED

Mississauga house/apartment required. Furnished accommodation needed from August 25, 1997 (or earlier) to November 10, 1997 for U of T professor and family (two adults, two children under 6 and one cat). Call (416) 654-5871.

Female post-doctoral fellow seeks summer sublet from May 1 - August 31, 1997. Please call (416) 925-1093.

Responsible visiting academic seeks quiet furnished accommodation (self-contained preferred), near U of T, for all or part of period June 24 - October 4, 1997. Please call 932-4919 before April 25; 011-44-1273-202818 after that.

ACCOMMODATION SHARED

Shared use of charming Cabbagetown house: own room, kitchen, laundry, deck,

UNIVERSITY OF TORONTO RESEARCH SERVICES

AND THE

FACULTY OF MEDICINE RESEARCH OFFICE

PRESENT:

ALL IN THE FAMILY? ETHICAL ISSUES IN GENETIC RESEARCH

AN ETHICS WORKSHOP TO BE HELD

8:30 am - 1:00 pm, May 23, 1997

IN THE AMPHITHEATRE

TORONTO HOSPITAL RESIDENCE

90 Gerrard Street W.

Enrolment is limited. PLEASE REGISTER EARLY!!!

For registration and information please contact Amy Lee

[Tel: (416) 978-5150; e-mail: amy.lee@utoronto.ca; (Fax: 978-5568)]

WESTCOAST-WATERFRONT HOME

at Sunshine Coast, near Vancouver, ideally suited for retiring couple

Breathtaking view over Strait of Georgia to Vancouver Island and the Gulf Islands. The south-facing house is very spacious, beautifully designed and surrounded on all sides by large decks, beautiful trees, rocky outcrops and private beach. Available for long-term lease with possibility of purchase. No dog. Tel or Fax: (604) 885-2970.

NOTICE OF OFFENCE

In accordance with the recommendation of the University Tribunal, I am publishing the following Notice of Offence and the sanctions imposed.

The charges against the student were:

- THAT on or about March 26, 1996, she knowingly obtained unauthorized assistance during a term test contrary to Section B.1.(b) of the Code of Behaviour on Academic Matters (1995).
- THAT on or about January 23, 1996, she knowingly obtained unauthorized assistance in a term test contrary to Section B.1.(b) of the Code of Behaviour on Academic Matters (1995).
- THAT on or about July 5, 1995, she intentionally obtained unauthorized assistance in a term test contrary to Section B.1.(b) of the Code of Behaviour on Academic Matters (1991).

The Particulars of the case were as follows:

- a) In the winter of 1995 and 1996, the student was enrolled in PSL 221Y. Term tests in the second term of that course were scheduled for January 23, 1996 and March 26, 1996.
- b) At each of those tests, the student knowingly obtained unauthorized assistance from another student in the course, by copying from her question and answer sheets during the course of the tests.
- c) In the summer of 1995, the student was enrolled in BCH 320Y. A term test was held in that course on July 5, 1995.
- d) During the test, the student intentionally utilized unauthorized assistance from another student in the course, by copying from her answer sheets during the course of the test.

The panel accepted the student's plea and imposed the following sanctions:

- suspension from attendance in the University for three years, effective December 31, 1996;
- assignment of a grade of zero for the course BCH 320Y;
- that the sanction imposed by the Tribunal be recorded on the student's academic record and transcript for a period of 5 years following the date of sentencing;
- that the decision and sanctions imposed be reported to the Vice-President and Provost for publication in the University newspapers, with the name of the student withheld.

Professor Adet Sedra
Vice-President and Provost

CLASSIFIED

garden, 20 minutes to University on street-car, no parking. Non-smoker, female. Rent \$600/month + all utilities. Available now. Call Joan, 929-8714.

Share with male grad student in 40s. Either large bedroom \$500 or 8x12 windowless one at \$325. Basement of large home, 20 minutes to bus of Museum. Alan 488-0228.

Large private space — bedroom, study, 4-piece bathroom — in beautiful, air-conditioned, 1,800 sq. ft. apartment. Shared kitchen, free parking. On TTC. May — August. \$695 per month. (416) 425-8173.

Toronto (downtown): gay male, 34, seeks roommate, non-smoker (male or female) to share luxury condo, 2 bedrooms, 2 washrooms, solarium, & appliances, health centre, pool, 24-hour security, underground parking. Meeting rooms available. Near College subway, ideal for frequent Toronto traveller. \$750/month inclusive. (416) 599-2444.

ACCOMMODATION OUT OF TOWN

Sublet downtown Montreal apartment (Guy-Maisonneuve area) May-August including: 4 bedrooms, 1 1/2 bathrooms, living/dining-rooms, kitchen, 2 floors, furnished, 2 minutes Metro & buses, walking distance McGill/Concordia. \$1,075/month (electricity included). (514) 937-9021.

ACCOMMODATION OVERSEAS

France — Grasse, 15 km from Cannes, 2-room studio with kitchen, garden, pool, 350 to 450/week. Clean, simple & picturesque. In the mountains, heart of the perfume region. (416) 461-8491. Robert. (514) 466-9705 (French-speaking owner).

Southwest France. Near Naja/Cordes, 2 comfortable apartments sleeping 5/6 in former 18th-century farm with private pool & lovely views. Available together or separately year round. Very well appointed. Heated. Reduced rates for long off-season lets which may suit writer, painter, house-hunter. Tel/fax 011 33 5 65 29 74 88, or write Cleg, Villavey, 12270 Najac, France.

Provence, South of France. 3-bedroom house (furnished) in the picturesque village of Payoubert, 20 km east of Aix-en-Provence.

Phone, washer, central heating, \$1,000 per month including utilities. Both (416) 978-7458 or 588-2580 or b.savan@toronto.ca

France. For rent: villa, fully furnished, village on Mediterranean, five-minute walk to beach, 10 km to Peigan. Three bedrooms, large living-room (fireplace), patio, kitchen, two bathrooms. June 1997 and/or September 1, 1997 to July 1, 1998. (416) 481-7968.

VACATION / LEISURE

Beautiful new Muskoka cottage for rent near Gravenhurst, 1 1/2 hours from Toronto. 3 bedrooms, sandy beach, fully equipped, large, great view, ideal for week-ends or weekdays, excellent road access yet wonderfully private. Call (416) 782-4530.

Summer in St. Petersburg, Russia: spacious one-bedroom apartment in Russia's most beautiful city, an unparalleled cultural experience. Available from May to September. Rent by day, week or month. Phone (416) 266-0750.

Summer house exchange. Toronto residence sought for exchange of up to two weeks in July or August. Academic couple with very comfortable country home on 60 acres in northwestern Pennsylvania, near lake and scenic river, commuting distance to cultural resort (Chautauque Institution). Photos available. Richard Nelson (814) 726-0668. RSN@VMS.UPE.ITT.EDU

HEALTH SERVICES

PERSONAL COUNSELLING in a caring, confidential environment. U of T extended health benefits provide excellent coverage. Evening and weekend hours available. Dr. Ellen Greenberg, Registered Psychologist, The Medical Arts Building, 170 St. George Street, 944-3799.

Individual and Couple Psychotherapy. Daytime and evening hours. U of T staff extended benefits provide full coverage. Dr. Gale Bidwell, Registered Psychologist, C.M. Hincks Institute, 114 Maitland Street (Wellesley & Jarvis), 972-5789.

Individual psychotherapy for adults. Evening hours available. Extended benefits coverage for U of T staff. Dr. Paula Gardner, Registered Psychologist, 114 Maitland Street (Wellesley & Jarvis), 469-6317.

PSYCHOANALYTIC PSYCHOTHERAPY with a Registered Psychologist. Dr. June Higgins, The Medical Arts Building, 170 St. George Street (Bloor and St. George), 928-3460.

Psychologist providing individual and group psychotherapy. Work stress, anxiety, depression and women's health. U of T staff health plan covers cost. Dr. Sarah Maddocks, registered psychologist, 114 Maitland Street (Wellesley & Jarvis), 972-1935 ext. 3321.

Psychotherapy. Dr. Joan Hulbert, Psychologist, Yonge Street near Davisville. (416) 465-9078. Focus on depression, anxiety, substance abuse, difficulties with assertiveness, relationship problems, self-esteem, abusive relationships. Fees may be covered by Employee Health Insurance Plan.

Psychologist providing individual, group and couple therapy. Personal and relationship issues. U of T extended health plan covers psychological services. For a consultation call Dr. Heather A. White, 535-9432, 140 Albany Avenue (Bathurst/Bloor).

PSYCHOTHERAPY with Dr. Sarita Sahay, a Registered Psychologist specializing in women's mental health. The Centre for Women's Health and Family Care, 439 Spadina Road (Spadina and St. Clair). Daytime/evening hours available. 322-6620.

Dr. Diame Fraser, Psychologist. Carlton at Berkeley, 923-7146. Brief holistic counselling/strategies for stress management. Focus on lifelong, depression/anxiety, relationships, substance abuse, women's issues. U of T extended benefits cover fees.

Psychological Services for Infants and Children. Assessment of developmental and learning disabilities. Benefits packages may provide complete reimbursement. Dr. Jo Anne Finnegan, Psychologist, 1300 Yonge Street, south of St. Clair. (416) 927-1217.

Individual cognitive behavioural psychotherapy. Practice focusing on eating disorders, depression, anxiety and women's issues. U of T staff extended health care benefits provide full coverage. Dr. Janet Grees, Registered Psychologist, 183 St. Clair Avenue West (St. Clair and Avenue Road), 929-3084.

REGISTERED PSYCHOLOGIST. Individual and couple therapy. Cognitive-behavioural treatment for eating disorders, anxiety, panic, stress, depression and infertility. U of T ex-

tended health benefits provide coverage. Dr. Lisa Shattford, 206 St. Clair Avenue West (Avenue Road), (416) 920-5546.

THERAPEUTIC MASSAGE with aromatic essential oils naturally effects a relaxation response. Enjoy a quiet retreat from the stress of daily life. The experience will test and refresh your body and mind. Bloor/St. George location. By appointment. Kathy Dillon, R.M.T., 787-1070.

Electrolysis, thermolysis and the Blend. Treatment of acne, bickles, brown spots. For men and women. Guaranteed quality at lowest prices downtown. Open 7 days. Packages available. Bay Street Clinic, 1033 Bay, Suite 322, 921-1357.

Stiff neck? Backache? Headache? Our experienced registered massage therapists provide effective relief. Fully covered by U of T health plan. Shiatsu, acupuncture, homeopathy, reflexology, biofeedback treatments also available. Call The Pacific Wellness Institute, 929-6958, 80 Bloor Street West, Suite 1100 (Bay & Bloor).

REGISTERED MASSAGE THERAPY. For relief of muscle tension, chronic pain, stress. Treatments are part of your extended health care plan. 170 St. George Street (at Bloor). For appointment call Mindy Hsu, B.A., R.M.T., (416) 944-1312.

MISCELLANY

INCOME TAX PREPARATION — FREE CONSULTATION. Quick turnaround. Personalized professional services and advice on all tax, business and financial matters. Sidney S. Ross, Chartered Accountant, 2345 Yonge St., Suite 300. Tel. 485-6069, fax 485-9861.

LE COMMENSAL Fine Vegetarian Cuisine. We use only the finest freshest ingredients, organically grown whenever they're available. Our pies are made with organic whole wheat flour. We sweeten our desserts with maple syrup, organic rice syrup and fruit nectar. Open 7 days/week, 1.5 hours free parking after 6 p.m. at 555 Bay Street, entrance on Elm Street, 596-9364. Ut facility and staff get 7% discount.

DATE SOMEONE IN YOUR OWN LEAGUE. Graduates and faculty of U of T, McGill, the IVIES, Seven Sisters, Oxford, Cambridge, MIT, Stanford, accredited medi-

cal schools, meet alumni and academics. The Right Shift, 800-988-5288.

PHD with professional experience in academic editing and publishing in the humanities. References at the University of Toronto, Temple University and the University of Virginia. Reasonable rates. (416) 968-2550.

Our superb nanny who has worked with us since 1991 is available from April onwards. Loving and patient. totally reliable. Live out. Contact Isabel De Ramos at (416) 923-4041, Michael Lambek & Jackie Solway 44 171 636-1884 (h), 44 171 955-7953 (o). M.Lambek@se.ac.uk

Fine Home Repairs and Improvements by Bob Hillier. Interior and exterior. Free estimates, references, 10 years' experience, U of T graduate. Superior workmanship, user friendly. Phone and fax: (416) 285-0317.

LEARN SPANISH AT OISE/UT. Communicative method. One level completion at all levels. Morning, afternoon and evening classes. Spring term: April 21 — July 3. Instructor: Margarita De Antunano, M.Ed. Canada-Mexico Cultural Exchange Centre OISE/UT. Telephone: 977-3577.

Working on Thesis?? H. Perry Dissertations or Theses??? Mr. Garr Zagerman Transcription Services — including books, journal articles. Same day service — very inexpensive rates!!! Available all year round. Phone: (905) 709-4940.

Are you a researcher having trouble developing, modifying, porting a computer program written in Fortran, C/C++, etc? We can help. 25 years' experience, reasonable rates. Call JRS. (416) 751-5678 for free initial consultation.

Experienced editor (20 years) seeks manuscripts. Any subject. Resume available. Pam Young (416) 924-5843.

BOOKS! BOOKS! Recycle your surplus through the University College Book Sale (October 18-22). Proceeds support UCL library. For pickup now in Metro Toronto phone: (416) 978-0372, fax 978-3802.

DICTA TRANSCRIPTION & WORD PROCESSING. Transcripts of all kinds, interviews, manuscripts, reports, etc. Pickup and delivery available. (416) 543-8080, 24 hours. Student discounts.

The University of Toronto Faculty Association (UTFA) announces the

UTFA TUITION BURSARY AWARDS 1996/97



Ms. Maria Medalla

Ms. Nicole Anastasopoulos

UTFA awarded two *Tuition Bursaries* for the academic year 1996/97 to Ms. Maria Medalla (Department of Spanish and Portuguese) and Ms. Nicole Anastasopoulos (International Relations and Political Science). Both will not have to pay their tuition fees and incidental costs up to the amount of \$2,000.00. These *UTFA Tuition Bursaries* can be renewed for subsequent years conditional upon demonstrated need and satisfactory academic standing.

Two other (one graduate and one undergraduate) *UTFA Tuition Bursaries* will be awarded for the academic year 1997/98. Students from all faculties are eligible and encouraged to apply starting March 1997.

The *Tuition Bursaries* were set up, because UTFA believes that an inability to pay tuition fees should not be a barrier to obtaining or continuing a university education.



D. SHUTER ROBES LTD.

26 Duncan St. Fifth Floor
Toronto, Ontario M5V 2B9
(416) 977-3857

Academic Robes and Hoods
Authorized Robemakers to

A HOME AWAY FROM HOME

The services offered as podiatric medicine for foot care include:

- X-ray, medical, and laser treatment for:
- Removal of foot warts, ingrown nails, such skin defects as calluses and corns, and treatment of fungal infection
- Orthosis (control of foot movement)
- Diabetic Foot Care
- Arch Problems
- Soft Tissue Problems
- Nerve conditions - Neuroma and Neuropathy
- Bunions, changes in shoes (Orthotics)
- Advice on types of shoes for children, adults and geriatrics
- Advice on a safe program for walking and running

Please call: (416) 967-0600 for an appointment at:
170 St. George St., Corner Bloor, Medical Arts Bldg.
For Mississauga, call: (905) 820-4540 at Med Clinic 2000,
2000 Credit Valley Road

PODIATRIC MEDICINE

Specialized Care for Your Feet

HARVEY E. ROSENFELD, D.P.M.
Doctor of Podiatric Medicine
170 St. George Street
Third Floor, Suite 330
Toronto, Ontario M5R 2M8
(416) 967-0600
Fax (416) 967-9294



RESEARCH NOTICES

For further information and application forms for the following agencies, please contact University of Toronto Research Services (UTRS) at 978-2163; Web site, <http://library.utoronto.ca/www/rv/bmpage>

GENERAL

UNIVERSITY OF TORONTO

The self-funded research grant program permits, under certain conditions, a faculty member or a professional librarian to receive a research grant in lieu of salary, through a mechanism that includes peer review. The grant may be used for all the purposes of a grant-in-aid of research. Salary for the principal investigator is an ineligible expense. The program covers only research activities. Faculty members or professional librarians who wish to perform research during any academic year, including a year when on research leave, may be eligible. Deadlines are May 1, August 1, November 1 and February 1.

HUMANITIES & SOCIAL SCIENCES

RESEARCH COUNCIL
The purpose of the aid to occasional research conferences and international congresses in Canada program is to encourage and facilitate the communication of research, within and between disciplines, among Canadian researchers, international experts and foreign researchers through occasional regional and national conferences, workshops, symposia and colloquia as well as through congresses of major international scholarly associations held in Canada. Deadline is May 1.

INTERNATIONAL

ASSOCIATION OF UNIVERSITIES AND COLLEGES OF CANADA
The professional partnerships program provides travel assistance to university

faculty, researchers and professionals involved in promoting economic and democratic development in central and eastern Europe and the former Soviet Union. For more information contact Gisèle Larouche, glarouch@pucc.ca. Participants are selected every six weeks. Interested parties may inquire about deadlines from AUCC staff. The program runs until September.

MEDICINE & LIFE SCIENCES

BRAIN TUMOR FOUNDATION OF CANADA
The foundation invites applications for grants-in-aid to support investigations into the cause, behaviour and treatment of brain tumours. Deadline is May 15.

INSTITUTE FOR WORK & HEALTH
Applications for the Mustard fellowship in work environment and health are invited from individuals with doctoral training in the fields of the social and behavioural sciences. Interested applicants must contact Harry Shannon at the institute (416) 927-4167 to discuss the fellowship prior to submitting a formal application. Deadline is April 30.

NATIONAL CANCER INSTITUTE OF CANADA
Nominations are invited for the following E.J. Lilly awards: The Robert L. Noble Prize to honour scientific excellence; the O. Harold Warwick Prize to honour excellence in cancer control; and the William E. Rawls Prize to honour and encourage a promising investigator at an early stage in his or her career. Forms are available from UTRS and must be received by the

sponsor no later than April 15.

PHYSICAL SCIENCES & ENGINEERING

AMERICAN CHEMICAL SOCIETY
The Petroleum Research Fund supports fundamental research in the petroleum field in chemistry, the earth sciences, chemical engineering and in related fields such as polymers and materials science. The PRF Advisory Board meets to review proposals three times a year, in February, May and November. Applications may be made at any time.

NATIONAL RESEARCH COUNCIL

The women in engineering and science program gives students hands-on experience working in NRC laboratories. The program is open to women who are citizens or permanent residents of Canada; have a high academic standing; are currently attending a Canadian university; are enrolled full-time in an undergraduate physics, science, engineering or mathematics program; and have completed the first undergraduate year of university before Sept. 1, 1997. U of T has been asked to nominate three candidates for 1997. Additional information is available on the NRC Web site at: http://www.corpserc.nrc/corpserc/sex_e.html. Deadline for student applications at their university is May 17.

NATURAL SCIENCES & ENGINEERING RESEARCH COUNCIL

The research network program funds large-scale, complex research proposals that involve multifactorial collaborations on a

common research theme and that demonstrate the added advantage of a networking approach. A management structure is required to direct, manage and integrate the activities of the network. Applicants are encouraged to contact NSERC before submitting a letter of intent. The items to be addressed can be found on page 18 of the Researcher's Guide. NSERC's Internet address is: <http://www.nserc.ca>. Deadline is June 1. New faculty support grants are designed to assist universities, jointly with industry, to recruit and place highly qualified persons in junior-level faculty positions in research areas of interest to industry. NSERC provides a grant equivalent to a cash contribution from industry. NSERC funds are to be used only for the direct costs of research, equipment and infrastructure support for approved candidates; the industry funds are to be used to pay the salary of the incumbent. To be eligible candidates must not have already taken up their appointment at the university, must be new to the Canadian university faculty system, i.e., the proposed position must be the candidate's first tenured or tenure-track appointment in a Canadian university; should have obtained their PhD within the past 5 years; must be qualified for appointment at the assistant professor level, or higher, in a tenured or tenure-track position. Applications may be made at any time.

UPCOMING DEADLINES

April 10
Japan Foundation — Japanese

language program for researchers

April 15
Agriculture & Agri-Food Canada/NSERC — research partnership program
AUCC — Canada-Latin America research links program (travel grants)
C.S. Fund — research grants
Canadian Bar Association — Law for the Future Fund
Canadian Forest Service/NSERC — research partnerships program
CIDA — tier 2 linkage project funds
Canada Research Institute (U.S.) — clinical trials
Canadian Nurses Foundation — study awards
NSERC — E.J. Lilly awards
NRC/NSERC — research partnership program
NSERC — strategic projects
NSERC/Department of National Defence — research partnership program grants
April 30
Institute for Work & Health — Mustard fellowship
May 1
NSERC — aid to occasional research conferences and international congresses in Canada
U of T — self-funded research grants
May 15
Brain Tumor Foundation of Canada — grants-in-aid
May 17
NRC — women in engineering and science research program
June 1
NSERC — research networks grants

PHD ORALS

Graduate faculty please call the PhD examinations office at 978-5258 for information regarding time and location for these listings.

TUESDAY, APRIL 8

Brian Vincent Chapnik, Mechanical & Industrial Engineering, "Investigation of the Potential for Noise Reduction in Piping Systems Using Finite-Length Flexible Segments." Prof. I.G. Currie.

Linda M. Facchini, Molecular & Medical Genetics, "Characterization of the Myc Negative Autoregulation Mechanism." Prof. L. Penn.

Venanzio Molinaro, Education, "Holism at Work: Exploring the Experiences of Individuals Creating a New Holistic Style of Work." Prof. J.P. Miller.

WEDNESDAY, APRIL 9

M. Jane Morgan, Dentistry, "Structural Analysis of an Osseointegrated Dental Implant System." Prof. J.M. Symington.

THURSDAY, APRIL 10

Madeline Trapedo-Dworsky, Education, "The Changing Woman: Reflections at Menopause on the Essence of Experience of Sexuality." Prof. A.L. Cole.

FRIDAY, APRIL 11

Yongnian Wu, Immunology, "Molecular Analysis of the Signalling and Transport Differences of the B Cell Antigen Receptors of the IgM and IgD Classes." Prof. N. Hozumi.

MONDAY, APRIL 14

Penninah Dufite-Bizimana, Social Work, "Getting Back to the Garden: Rethinking Child Welfare in Uganda." Prof. R. Garber.

David Lloyd Guetter, Philosophy, "Making Sense of The 'Appropriate' in Plato's Timaeus." Prof. T.M. Robinson.

Stefan Einar Stefansson, Biochemistry, "Characterization of a Repressor Element and Purification of Its Cognate DNA-Binding Protein for the Transcription of the Genes for the Antifreeze Proteins in Wolf-fish (*Anarhichas lupus*)." Prof. C.L. Hew.

WEDNESDAY, APRIL 16

Melanie Min Cao, Management, "Essays on Equilibrium Valuation of Options: Theorem and Empirical Estimates." Prof. A. White.

Carla DeSantis, Medieval Studies, "The Grammatical Compendium Commonly Attributed to Folchino dei Borfoni (14th c.): A Critical Edition and Study." Prof. A.G. Rigg.

Randall Luhta, Medical Biophysics, "A Large Area X-ray Sensitive Vidicon." Prof. J.A. Rowlands.

THURSDAY, APRIL 17

Susan Wilcox, Education,

"Educational Development in Higher Education." Prof. G. Geis.

FRIDAY, APRIL 18

Heather Gardiner, English, "The Portrayal of Old Age in English-Canadian Fiction." Prof. H. Murray.

Carol Ann Golenc, Education, "Ontario's Mandated School Councils: Public Willingness to Serve and Factors Influencing That Willingness — a Case Study." Prof. D.F. Mucella.

Sharon Nancy Leiba, Management, "The Effect of Cross-Cultural Training on Cross-Cultural Self-Efficacy, Adjustment and Performance in a Transcultural Nursing Context." Prof. D.A. Ondrack.

Bernadette McNary, Study of Religion, "Asceitic Piety in Fourth-Century Egypt: A Study of the Ascetical Letters of Bishops and Monks." Prof. T.D. Barnes.

Brian Andrew Nixon, Computer Science, "Performance Requirements for Information Systems." Prof. J. Mylopoulos.

MONDAY, APRIL 21

Megan Jeannette Davey, Molecular & Medical Genetics, "The P1 Plasmid Partition Protein ParA: Roles for ATP Binding and Hydrolysis in Plasmid Partition." Prof. B.E. Funnell.

Jeffrey Richard Donald, Metallurgy & Materials Science, "Surface Interactions between Non-Ferrous Metallurgical Slags and Various Refractory Materials." Prof. J.M. Toguri.

Pasquale Manzerra, Zoology, "Expression of Constitutive hsp70 and Stress-Inducible hsp70 mRNA and Protein in the Rabbit Central Nervous System." Prof. I.R. Brown.

Jonathon Stone, Zoology, "The Shell Game: Who's under What? Morphological Evolution and Trajectories through Morphospace Exemplified with Species of *Lamnis*." Prof. M. Telford.

Margaret Yu, Chemistry, "Applying 2D NMR Methods to the Structural Elucidation of Complex Natural Products." Prof. W.F. Reynolds.

TUESDAY, APRIL 22

David Allen Houlden, Medical Science, "A Comparison of Descending Evoked Potentials and Muscle Responses of Transcranial Magnetic Stimulation and Skull Base Electrical Stimulation in Awake Human Subjects." Prof. C.H. Tator.

Marianne Lamb, Community Health, "Resource Allocation Decision Making in an Ontario Teaching Hospital." Prof. P. Leatt.

WEDNESDAY, APRIL 23

Heather Dawn Marshall, Zoology, "Molecular Evolution and Phylogeography of Common Chaffinches (*Fringilla coelebs*)." Prof. A.J. Baker.

Jim Ching Tam, Mechanical & Industrial Engineering, "Design and Evaluation of Web-Based Dynamic Hypertexts." Prof. M.H. Chignell.

Jack Vecchiarelli, Mechanical & Industrial Engineering, "Acoustic Vibration of a Conductor with a Stockbridge-Type Damper." Prof. I.G. Currie and D.G. Havard.

FRIDAY, APRIL 25

Danilo Luigi Chiappe, Psychology, "Are Metaphors Elliptical Similes." Prof. J.M. Kennedy.

Spencer Bruce Gibson, Clinical Biochemistry, "Role of the TEC Family Tyrosine Kinase EMT in T Cell Activation." Prof. G.B. Mills.

Mayank Patel, Pharmacology, "The Pharmacokinetics of a Human UDP-Glucuronosyltransferase (UGT2B7)." Prof. W.W. Kalow and B.K. Tang.

MONDAY, APRIL 28

Jeffrey L. McNair, History, "The Capacity to Judge: Public Opinion and Deliberative Democracy in Upper Canada, 1791-1854." Prof. A.I. Silver.

COMMITTEES

The Bulletin regularly publishes the terms of reference and membership of committees.
The deadline for submissions is Monday, two weeks prior to publication.

SEARCH

PRINCIPAL, UNIVERSITY COLLEGE
In accordance with Section 62 of the *Pernon Rules* President Robert Pichard has appointed a committee to recommend the appointment of a principal of University College. Principal Lynd Fergusson's term ends June 30. Members are: Professor Carolyn Tuohy, deputy provost (chair); Professors Sylvia Bushekin, political science; John Browne, principal, Innis College; Michael Donnelly, associate dean, social sciences, Faculty of Arts & Science; Cynthia Goh, chemistry, Allan

Greer, history; Catherine Grise, acting chair, French; and Heather Jackson, associate dean, Division I, School of Graduate Studies; and Rebecca Bush, vice-president, and Ian Porter, president, University College Literary & Athletic Society; Margaret Procter, coordinator, Writing Workshop, University College; Joan Randall, alumna, University College; Carole Robb, chief administrative officer, University College; and Lynn Snowden, assistant vice-provost (arts and science) (secretary).

Nominations should be submitted to Lynn Snowden, 978-4578 or

Linowden@utoronto.ca, by April 18.

ADVISORY

SGS GOVERNANCE AND THE SGS STATUTE
The School of Graduate Studies has established the Dean's Advisory Committee on SGS Governance and the SGS Statute to consider revisions to policy in light of the current restructuring activities. Elizabeth Parten is the student member of this committee, announced in the March 17 issue of *The Bulletin*.

The Hair Place

at Hart House
FINEST CUTTING & STYLING
Mon. to Fri. 8:30 - 5:30 • Sat. 9:00 - 5:00
For appointment call 978-2431
7 Hart House Circle

Giving Greenery...

Plant a Tree

in honour

of a family member...
celebrate a new child...
a graduate...an anniversary

in honour

of your graduating class, club,
organization or business

in memory

of a departed family
member or friend



The legacy is yours to give. Whatever your reason, the tree or shrub that you choose will help ensure that the St. George Campus remains a green oasis in downtown Toronto.

The University's Department of Facilities & Services will be happy to assist you with the selection of a species and a site.
For additional information, please call (416) 978-2329

NOTICE OF OFFENCE

In accordance with the recommendations of the University Tribunal, I am publishing the following Notice of Offence and the sanctions imposed.

The charges against the student were:

THAT on or about March 29, 1995, he intentionally counselled another member to commit or be a party to an offence under the Code, namely to intentionally evaluate academic work by him by reference to a criterion that did not relate to its merit contrary to Sections B.1.2(c) and B.1.1(iv) of the Code of Behaviour on Academic Matters, 1991 (the Code).

THAT on or about March 29, 1995, he attempted to forge or falsify an academic record, namely his results in HUM 556S contrary to Sections B.1.2 and B.1.3 of the Code.

THAT on or about March 29, 1995, he attempted to obtain unauthorized assistance in the final examination and in connection with academic work in HUM 556S contrary to Sections B.1.2 and B.1.1(b) of the Code.

In particular, in the spring of 1995, the student was enrolled in HUM 556S, Modern German Prose. On March 29, 1995, the student attended at the Professor's office, and attempted to persuade the Professor to permit to forge writing a term paper and the final examination in the course in return for the sum of \$1,000.00. The Professor rejected this offer.

The panel accepted the student's guilty plea. It found him guilty of charges #2 and #3, and charge #1 as it related to Section B.1.1.(iv), but not to section B.1.2.(c) of the Code and recommended to the Governing Council the following sanction:

- that the student be expelled from the University of Toronto for academic misconduct.

In addition, the panel recommended that the decision and sanction imposed be reported to the Vice-President and Provost for publication in the University newspapers, with the name of the student withheld.

The Governing Council has confirmed the Tribunal's recommendation that the student be expelled from the University of Toronto for academic misconduct.

Professor Adel Sedra
Vice-President and Provost

NOTICE OF OFFENCE

In accordance with the recommendation of the University Tribunal, I am publishing the following Notice of Offence and the sanctions imposed.

The charge against the student was:

THAT during the year 1994 and/or 1995, the student did intentionally represent as his own an idea or expression of an idea or work of another in preparing his doctoral thesis contrary to Section B.1.1.(d) of the Code of Behaviour on Academic Matters, 1993, and Section B.1.1.(d) of the Code of Behavior on Academic Matters, 1995.

In particular, during the period 1994 and/or 1995, the student prepared his thesis in partial fulfillment for his doctoral degree which was conferred in November 1995. In preparing his thesis, he closely paraphrased and made use of the work of another writer in the first chapter. In addition, he took extensive notes from an unnamed, photocopied document which he used as the basis for the remaining chapters of the thesis. The structure and a good deal of the data in the thesis (including choice of all writers discussed, key information on those writers, many quotations and all chapter headings) were clearly the work of another person.

The panel accepted the student's plea of guilty and recommended:

- that a recommendation be made to the Governing Council for the cancellation of the student's degree.

In addition, the panel imposed the following sanctions:

- suspension from attendance in a course or courses, a program, an academic unit or division, or the University for a period of five years, effective forthwith;
- that the sanctions imposed by the Tribunal be recorded on the student's academic record and transcript for a period of six years.

In addition, the panel recommended that the decision and sanctions be reported to the Vice-President and Provost for publication in the University newspapers, with the student's name and faculty withheld.

The Governing Council has confirmed the Tribunal's recommendation for the cancellation of the student's degree.

Professor Adel Sedra
Vice-President and Provost

ARCHIBALD BYRON MACALLUM LECTURE

Leptin and the molecular mechanisms
regulating body weight

JEFFREY M. FRIEDMAN

Director, Starr Centre for Human Genetics, New York
Professor, The Rockefeller University, New York

Monday, April 28, 1997
at 4 p.m.

Room 3153
Medical Sciences Building

This lecture is open, without charge, to members of the public
Reception to follow

THE DISTINGUISHED WILSON ABERNETHY LECTURE

presented by The Institute for Human
Development, Life Course and Aging

with support from the Senior Alumni,
University of Toronto

will be given this year by ...

Professor John Hagan

Faculty of Law and Department of Sociology

"Mean Streets: Crime, Law and the Life Course"

4pm Tuesday, 29 April 1997

George Ignatieff Theatre
15 Devonshire Place, Trinity College

CASTLES ON THE CORTEX

The triumph of theory for its own sake is a serious problem in academia

BY HEATHER MACIVOR

The latest book on the decline of the university system, the late Bill Readings' *The University in Ruins*, has attracted considerable attention from academics. The following is an excerpt from a lecture given at the University of Toronto Quarterly's one-day conference on Readings' book, held Jan. 24 at Trinity College.

BILL READINGS' DEATH WAS A profound and hideously wasteful loss. He was a very young man with a book to his credit and another almost completed at the time of his death; he had a brilliant future in academia. I wish I had known him. I also wish I could tell you that I loved his book, *The University in Ruins* — that I learned much from it and that I have been enriched by reading it. But I can't do that.

Much of the book — most of it, to be honest — made no sense to me. I could not grasp its meaning, despite sustained efforts to do so. The book is written in the high humanities style: dense with theory and abstraction, cluttered with jargon, impenetrable to all but a tiny handful of the initiated. It is a perfect example of the intellectual obscurantism that has made so much academic work irrelevant to the rest of society.

You may think I'm quibbling, or perhaps you think that because I'm too dimwitted to grasp the meaning of the work I'm planning to waste your time discussing superficialities. But the lack of clarity in *The University in Ruins* points to a serious problem in academia, particularly (though not exclusively) in the humanities. This problem is the triumph of theory for its own sake, theory unethered and undeterrred by mundane reality or empirical fact. Tom Wolfe describes this phenomenon brilliantly in his ironic study of the theories that underlay abstract expressionism: "They were more than theories, they were mental constructs. No, more than that even ... veritable edifices behind the eyeballs they were ... castles on the cortex ... mezzanines on the pyramids of Betz ... comparable in their bizarre refinements to medieval Scholasticism."

Lest you think I'm exaggerating, let me quote two examples from the book:

"Students in 1968 decathected by revolting; nowadays they do not cathex in the first place."

"On this basis, it may become possible to provide some hints as to the kinds of institutional policies that might be pursued in order to transulate the process of dereferentialization."

If Dr. Readings were here, which I devoutly wish were the case, I could ask him what these snippets mean. Left to my own devices, I am rather at sea.

NOW YOU MAY SAY THAT THIS BOOK WAS PROBABLY WRITTEN for fellow experts in comparative literature, not for political scientists, and you would be right. But Harvard University Press clearly has its eye on a wider audience. And given the current public debate over the university and its ills, this book has found a wider audience than it would have had. So it seems to me that this baroque style of writing is a serious flaw. Pearls of wisdom may lurk among the dereferentialization and the cathexing, but who can say for sure? Who can pierce the thick fog of fashionable theory to discern the outlines of meaning? I cannot. As a person concerned with the university, the sort of person who would be most likely to pick up a book entitled *The*



University in Ruins, I should be able to read it and understand it. The fact that I cannot is due not to any native lack of wit but to the deliberately obscure style in which it is written. That style effectively renders the book valueless to most readers, however excellent its arguments might be.

Think of a typical episode of *ER*. When the doctors are working over a patient they communicate with each other, and with the other medical personnel, in an impenetrable code. This code consists of jargon, abbreviations and shorthand. They understand each other perfectly and the code enables them to get their work done more efficiently than they would otherwise be able to do. But when one of the doctors speaks to a patient or to the relative of a patient, he or she speaks English. The doctors do not refer to myocardial infarctions and cc's and drugs with multisyllabic names; they say, "Your husband has had a heart attack and we have stabilized him." Similarly, even if academics use our peculiar codes when we talk to the other inhabitants of our villages, we have a responsibility to communicate with the public in the clearest possible terms. When we shirk this responsibility we not only fail to serve the public by giving them access to the fruits of our (taxpayer-subsidized) research; we also widen the breach between academia and the surrounding culture.

MANY INTELLECTUALS BELIEVE THAT THEY DON'T HAVE TO work at communicating with other people, that they have no broader social responsibility beyond the disciplinary village. Most of us are aware of our responsibility to our students; we see them every day, we know that they pay part of the cost of their own education and we feel some obligation to give them their money's worth. But because we don't see the rest of

society every day it is easy to forget that we also have a responsibility to the people whose tax dollars pay for our research, our offices, our comfortable salaries, our conference excursions and our sabbaticals.

Bill Readings was certainly aware of the growing irrelevance of universities in western society. He wrote that "our current gains in critical freedom ... are being achieved in direct proportion to the reduction in their general social significance." The irony is that this loss of significance is directly related to the attitude that permits people to write and publish books like *The University in Ruins*. This attitude is not new but it has certainly been reinforced by the triumph of deliberately obscure theory since the 1960s.

The academic cult fiercely defends its privileges, one of which is an indifference to the unwashed reminiscent of the Renaissance papacy. Many of those privileges are based on that very obscurantism; if more people understood the silliness and shallowness of some academic work, they might cut us off without a cent. And we, as a society, let people get away with this sort of thing because we are too afraid to admit that we don't understand it; we are afraid of being thought stupid. We also let ourselves get away with it; we all lapse into jargon and obscurity from time because it's easier than struggling to find the words that will convey our meaning clearly. But just because we're all guilty of poor communication now and then, we should not pretend that it isn't a problem.

Junior academics like Readings are particularly susceptible to obscurantism. He was a very young man who needed to carve out a niche in academia. The only way to do this is by either applying the latest theory or by creating a theory of one's own. In the case of literature scholars the pressure to theorize is especially intense. How many more theses can possibly be written on Jane Austen, James Joyce or Racine? Theory is virtually the sole source of original work in literature.

The same is true in other disciplines, of course. In my own case my doctoral thesis had to be rewritten countless times until it was sufficiently "theoretical." In vain I protested that my subject — leadership selection in Canadian political parties — was too complex, unpredictable and randomly organized to lend itself to theory. There is no way to make the chaos of a Canadian party leadership convention fit the pristine categories of a theory without doing violence to the truth. But the department won out and in the end I presented a tidy little theory and got my PhD.

The experience taught me that we create theories not to add to the store of human knowledge but to advance our careers and the careers of those who come after. Nothing could be simpler than to write an article comparing some theory or other to something else. I've done it; we've all done it. Without theories we could not possibly find enough original things to say to meet the publishing criteria for hiring, tenure and promotion. But let's not delude ourselves that most of these theories make any real contribution to knowledge. When we pursue theories for their own sakes, unconnected to anything so mundane as reality or clarity, we widen the gap between our universities and the societies we are paid to serve.

Heather MacIvor is a political science professor at the University of Windsor.